

Phase II Environmental Site Assessment

Location:

Former Military Road School
4185 Military Road
Niagara, New York

Prepared for:

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LaBella Project No. 2160516

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1.0 EXECUTIVE SUMMARY

LaBella Associates, D.P.C. (LaBella) was retained by the Niagara County Department of Economic Development (NCDED) to conduct a Phase II Environmental Site Assessment (ESA) at the property addressed as 4185 Military Road, Town of Niagara, Niagara County, New York (Site). This assessment was completed to assess the following Recognized Environmental Conditions (RECs) identified in the December 2, 2015 Phase I ESA completed by LaBella:

- One suspect vent pipe and a large asphalt patch was observed proximate the southeast exterior of the Site Building. According to New York State Department of Environmental Conservation (NYSDEC) records, one 6,000-gallon fuel oil underground storage tank (UST) was installed at the Site in 1950 and closed/removed in 1987. As no other tank closure documentation was obtained (i.e. tank closure report, confirmatory soil sampling results, etc.), the status of the 6,000-gallon fuel oil UST and subsurface conditions proximate the 6,000-gallon fuel oil UST cannot be confirmed.

Additionally, this assessment was also designed to assess the following potential environmental concerns:

- The potential presence of slag fill material containing Technologically Enhanced Naturally Occurring Radioactive Material (TENORM) beneath the asphalt parking areas on the Site was identified.
- A stockpile of fill of unknown origin was observed east of the Site Building subsequent to the completion of the Phase I ESA. The potential for this stockpile to contain contaminated fill materials was identified.

The scope of this Phase II ESA included:

- Surface soil/fill characterization
- UST investigation
- Subsurface soil/fill investigation
- Stockpiled soil/fill characterization
- Groundwater investigation
- Soil vapor intrusion assessment

The findings of this Phase II ESA include:

- Test pits advanced proximate the suspect 6,000-gallon UST did not identify the presence of the UST. Two semi-volatile organic compounds (SVOCs) (benzo(a)anthracene and benzo(b)fluoranthene) were detected at concentrations that exceed the NYSDEC Commissioner's Policy-51 (CP-51) Soil Cleanup Objectives (SCOs) in the subsurface soil sample collected from TP-3 in this area.
- Several SVOCs and metals were detected at concentrations that exceed the NYSDEC Part 375 Unrestricted, Residential and Restricted Residential Use SCOs and the Eastern USA Background concentrations (metals only) in several surface soil samples collected at the Site.

- Acetone was detected at concentrations that exceed the NYSDEC Part 375 Unrestricted Use SCO in subsurface soil samples TP-6D02 and TP-18D24, and chromium was detected at concentration exceeding the NYSDEC Part 375 Unrestricted, Residential and Restricted Residential Use SCOs and the Eastern USA Background concentration in TP14D02.
- One pesticide (4,4-DDE) was detected at a concentration that exceed the NYSDEC Part 375 Unrestricted Use SCO, cadmium and lead were detected at concentrations that exceeded the NYSDEC Part 375 Unrestricted, Residential and Restricted Residential Use SCOs and the Eastern USA Background concentration, and chromium was detected at a concentration that exceeded the NYSDEC Part 375 Unrestricted and Residential Use SCOs, as well as the Eastern USA Background concentration from the stockpile soil sample Stockpile 2.
- Benzene was detected at concentrations exceeding the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS)(1.1.1) Ambient Water Quality Standards (AWQS) in the groundwater samples collected from MW-1 and MW-4.
- Several volatile organic compounds (VOCs) were detected at elevated concentrations in sub-slab soil vapor samples, indoor air samples, and in the ambient outdoor air samples collected at the Site.
- TENORM slag fill exhibiting gamma radiation levels that were slightly beyond two times the background level was encountered in one test pit (TP-18) excavated within the southern limits of the parking lot.

2.0 INTRODUCTION

This Phase II ESA has been performed in conformance with the scope and limitations of ASTM Practice E 1903-11.

2.1 *Special Terms & Conditions*

The findings of this Phase II ESA are based on the scope of work and project objectives as stated in the approved Quality Assurance Project Plan (QAPP) for the Site, dated as revised February 16, 2016, and subsequent scope of work addendums.

2.2 *Limitations & Exceptions*

Work associated with this Phase II ESA was performed in accordance with generally accepted environmental engineering and environmental contracting practices for this region. LaBella makes no other warranty or representation, either expressed or implied, nor is one intended to be included as part of its services, proposals, contracts or reports.

In addition, LaBella cannot provide guarantees, certifications or warranties that the property is or is not free of environmental impairment or other regulated solid wastes. The Client shall be aware that the data and representative samples from any given soil sampling point or monitoring well may represent conditions that apply only at that particular location, and such conditions may not necessarily apply to the Site as a whole.

3.0 BACKGROUND

3.1 Site Description & Features

The Site consists of 4.10 acres of land located east of Military Road developed with one 2-story 24,272 square foot school (Site Building) constructed in 1940. The exterior portion of the Site is dominated by vacant land to the east; however, an asphalt covered parking area is located proximate the south of the Site Building. Reportedly, the Site Building has been vacant for over 10 years and is in a state of disrepair.

3.2 Physical Setting

The Site is located east of Military Road in the Town of Niagara, Niagara County, New York within a predominantly rural area.

3.3 Site History & Land Use

It appears that the Site consisted of undeveloped land in at least 1875. The Site Building was constructed by at least 1940 and utilized as a school until at least 1993. The Site Building has reportedly been unoccupied for at least 10 years.

3.4 Adjacent Property Use

The Site is bordered by the following properties.

Direction	Land Use
North	Undeveloped land, Tops Markets
East	Undeveloped land
South	Undeveloped land
West	Residential

3.5 Summary of Previous Studies

A Phase I ESA was completed at the Site in December 2015 by LaBella. The Phase I ESA identified the following RECs at the Site.

- One suspect vent pipe and a large asphalt patch was observed proximate the southeast exterior of the Site Building. According to NYSDEC records, one 6,000-gallon fuel oil UST was installed at the Site in 1950 and closed/removed in 1987. As no other tank closure documentation was obtained within the scope of this assessment (i.e. tank closure report, confirmatory soil sampling results, etc.), the status of the 6,000-gallon fuel oil UST and subsurface conditions proximate the 6,000-gallon fuel oil UST cannot be confirmed.

In addition, LaBella reviewed a Pre-demolition Asbestos Inspection report prepared by Aurora Environmental LLC (Aurora Environmental) dated June 5, 2015. A copy of the Pre-demolition Asbestos Inspection report is included in Appendix 5. Based on the contents of the report, Aurora Environmental completed an asbestos survey of the Site Building which included sampling and analysis of pipe insulation, mud fitting insulation, floor tile, ceiling tile, and plaster. Asbestos was confirmed present in 17 of the 44 building materials sampled. Materials confirmed to contain asbestos are summarized below.

Non-friable

- 128 square feet of mastic behind waterproof Masonite
- 14,640 square feet of black vapor barrier
- 9,025 square feet of 9x9 floor tile and associated mastic
- 1,500 square feet 12x12 floor tile and mastic
- 100 square feet of caulk
- 1,100 square feet of flashing/flashing cement

Friable

- 345 linear feet of mudded joint fittings
- 24 linear feet of Mag pipe insulation
- 650 linear feet of air cell pipe insulation
- Two square feet of chimney patch at duct
- 40 square feet internal boiler components

In addition, Labella reviewed an asbestos abatement proposal prepared by Empire Building Diagnostics dated August 10, 2015. Empire Building Diagnostics proposed a fee of \$473,000.00 to abate the asbestos within the Site Building. A copy of the proposal is included in Appendix 5.

It should be noted that asbestos related services were not completed associated with LaBella's scope of work.

4.0 OBJECTIVE

The objective of this Phase II ESA was to determine the presence or absence of the suspected UST and to investigate potential soil, groundwater, and soil vapor/indoor air contamination at the Site. Additionally, project objectives included the characterization of the stockpiled fill material and radiological screening of the subsurface fill.

5.0 SCOPE OF WORK

To achieve the project objectives the following scope of work was performed.

1. Prior to the initiation of subsurface work, an underground utility stake-out, via *Dig Safely New York*, was completed at the Site to locate utilities in the areas where the subsurface assessment would take place.
2. A surface soil/fill and a subsurface test pit investigation was performed on April 21 and 22, 2016 to evaluate the potential presence of the UST at the Site, and to characterize the subsurface soil conditions at the Site. Nineteen locations were chosen to investigate the surface and subsurface (TP-1 through TP-19) soils at the Site. Seven surface soil/fill samples (SS1 through SS7) and ten subsurface soil samples were collected from these test pit locations for chemical analysis. A track mounted excavator was utilized to advance the test pits to depths ranging from between 2 and 6 feet (ft.) below ground surface (bgs). Soils from the test pits were continuously assessed for visible impairment, olfactory indications of impairment, and/or indication of detectable VOCs with a photoionization detector (PID).

3. A large stockpile of unknown origin was observed east of the Site Building at the time of the Phase II ESA investigation. LaBella collected two samples from the stockpile on April 22, 2016 to characterize the stockpiled soil/fill conditions.
4. A test boring drilling program was implemented on April 24, 2016 to facilitate the installation of four 2-inch temporary monitoring wells (test borings B-1 through B-4 and monitoring wells MW-1 through MW-4, respectively) to depths ranging from between of 10 and 15.3 ft. bgs. A truck mounted rotary drill rig with a 4 ¼ inch hollow stem auger was utilized and continuous split-spoon sampling was conducted throughout the total depth of the test borings. The augers were decontaminated between each test boring utilizing a power washer and potable water. Soils from the test borings were continuously assessed for visible impairment, olfactory indications of impairment, and/or indication of detectable VOCs with a PID. Each well was completed with 5 ft. of 0.010-slot well screen connected to an appropriate length of solid PVC well riser to complete the well. The annulus was backfilled with quartz sand to a nominal depth of 1 ft. above the screen section. A bentonite seal was placed above the sand pack. The monitoring wells were developed and sampled on April 27, 2016 utilizing low-flow sampling procedures.
5. The soils recovered during the test pit investigation and the test boring drilling program were screened for gamma radiation using a Ludlum Model #2221 scaler with a 44-10 gamma scintillation probe to assess the subsurface of the Site for the potential presence of TENORM. It is well documented that TENORM slag was historically utilized throughout Niagara County as a sub-base material for the construction of roads, parking lots, and building foundations.
6. Soil and groundwater samples were placed in a cooler on ice and sent under standard chain of custody procedures to Chemtech Environmental Laboratories in Mountainside, New Jersey. The following laboratory analyses were performed.

a. Surface Soil

Sample ID	Exploration Location	Sample Depth (feet)	Laboratory Analyses
SS1	Surface of TP-6	Surface	- USEPA TCL VOCs plus TICs - USEPA TCL SVOCs plus TICs - USEPA TCL Pesticides - RCRA Metals
Dup	Collected from SS1	Surface	
SS2	Surface of TP-8	Surface	
SS3	Surface of TP-10	Surface	
SS4	Surface of TP-11	Surface	
SS5	Surface of TP-13	Surface	
SS6	Surface of TP-14	Surface	
SS7	Surface of TP-18	Surface	

TCL VOCs = Target compound list volatile organic compounds via USEPA Test Method 8260

TCL SVOCs = Target compound list semi-volatile organic compounds via USEPA Test Method 8270

TCL Pesticides = Target compound list pesticides via USEPA Test Method 8081

RCRA Metals = Resource conservation and recovery act metals via USEPA Test Methods 6010 and 7471

TICs = Tentatively Identified Compounds

b. Subsurface Soil

Sample ID	Exploration Location	Sample Depth (feet)	Laboratory Analyses
TP-1D46	Proximate suspect UST	4-6	- CP-51 VOCs plus TICs - CP-51 SVOCs plus TICs
TP-3D0.52	Proximate suspect UST	0.5-2	
TP-5D24	Proximate suspect UST	2-4	
TP-6D0.52	Southeast portion of Site	0.5-2	- USEPA TCL VOCs plus TICs - USEPA TCL SVOCs plus TICs - USEPA TCL Pesticides - RCRA Metals
TP-8D46	East of Site Building	4-6	
TP-10D46	North and east of Site Building	4-6	
TP-11D24	North of TP-10	2-4	
TP-13D24	Northeast portion of Site	2-4	
TP-14D0.52	Northwest portion of Site	0.5-2	
TP-18D24	Parking lot	2-4	
Trip Blank	NA	NA	- USEPA TCL VOCs

TCL VOCs = Target compound list volatile organic compounds via USEPA Test Method 8260

CP-51 list VOCs = NYSDEC Commissioners Policy 51 list volatile organic compounds via USEPA Test Method 8260

TCL SVOCs = Target compound list semi-volatile organic compounds via USEPA Test Method 8270

CP-51 list SVOCs = NYSDEC Commissioners Policy 51 list semi-volatile organic compounds via USEPA Test Method 8270

TCL Pesticides = Target compound list pesticides via USEPA Test Method 8081

RCRA Metals = Resource conservation and recovery act metals via USEPA Test Methods 6010 and 7471

TICs = Tentatively Identified Compounds

c. Stockpiled soil/fill

Sample ID	Exploration Location	Sample Depth (feet)	Laboratory Analyses
Stockpile #1	North portion of stockpile	1-2	- CP-51 VOCs and USEPA TCL VOCs plus TICs - CP-51 SVOCs plus TICs - USEPA TCL Pesticides - USEPA TCL PCBs - RCRA Metals
Stockpile # 2	South portion of stockpile	1-2	

CP-51 list VOCs = NYSDEC Commissioners Policy 51 list volatile organic compounds via USEPA Test Method 8260

TCL VOCs = Target compound list volatile organic compounds via USEPA Test Method 8260

CP-51 list SVOCs = NYSDEC Commissioners Policy 51 list semi-volatile organic compounds via USEPA Test Method 8270

TCL Pesticides = Target compound list pesticides via USEPA Test Method 8081

TCL PCBs = Target compound list polychlorinated biphenyls via USEPA Test Method 8082A

RCRA Metals = Resource conservation and recovery act metals via USEPA Test Methods 6010 and 7471

TICs = Tentatively Identified Compounds

d. Groundwater

Sample ID	Exploration Location	Laboratory Analyses
MW-1	B-1	- USEPA TCL and CP-51 List VOCs - USEPA TCL SVOCs - USEPA TCL Pesticides - RCRA Metals
MW-2	B-2	
MW-3	B-3	
MW-4	B-4	
Dup	MW-4	
Trip Blank	NA	- USEPA TCL and CP-51 List VOCs

TCL VOCs = Target compound list volatile organic compounds via USEPA Test Method 8260

CP-51 list VOCs = NYSDEC Commissioners Policy 51 list volatile organic compounds via USEPA Test Method 8260

TCL SVOCs = Target compound list semi-volatile organic compounds via USEPA Test Method 8270

TCL Pesticides = Target compound list pesticides via USEPA Test Method 8081

RCRA Metals = Resource conservation and recovery act metals via USEPA Test Methods 6010 and 7471

7. A soil vapor intrusion assessment was completed at the Site on April 21, 2016. Seven sampling points were established and included three sub-slab soil vapor sampling points, three indoor air sampling points, and one outdoor ambient air sampling point. Summa canisters were used to collect samples from each location and were sent under standard chain of custody procedures to Chemtech Environmental Laboratories in Mountainside, New Jersey. The following laboratory analysis was performed.

Sample ID	Exploration Location	Laboratory Analyses
SS1	Proximate the southeast portion of the basement	- VOCs via USEPA TO-15
ID1	Proximate SS1	
SS2	Proximate the southwest portion of the basement	
ID2	Proximate SS2	
SS3	Proximate the north portion of the basement	
ID3	Proximate SS3	
OD1	Proximate the southeast corner of the Site Building exterior	

USEPA TO-15 VOCs = Volatile organic compounds by USEPA Test Method TO-15

6.0 FINDINGS

6.1 *Site Geology and Hydrology*

The subsurface conditions at the Site were evaluated based on nineteen (19) test pits and four (4) test borings advanced during the course of this Phase II ESA. In general, similar subsurface conditions were encountered within the test pit and test boring locations. The test pits and test borings advanced within the parking lot area of the Site consisted of approximately 1 inch to 1 ft. of asphalt and subbase material underlain by indigenous soils. Fill material consisting of angular gravel was encountered within TP-2 from the surface to 6 ft. bgs and within the first 6 inches of TP-3. Shallow fill containing fly ash was also observed in TP-3, and apparent industrial fill consisting of a blue/gray cinder material was observed from 2-5 ft. bgs in TP-14. Fill material was generally absent within the grass-covered areas of the Site, where approximately 6 inches of brown to dark brown topsoil was observed in the test pits. Underlying indigenous soils at the Site generally consisted of brown to reddish brown silt and clay with varying amounts of sand and gravel. No direct evidence of petroleum or chemical impacted soil, including visual staining, free product, oily sheen, odors, etc., was observed in any of the test pits or test borings advanced at the Site. In addition, bedrock was not encountered at the Site.

Saturated conditions were not observed during the drilling of the monitoring wells; however, static water level measurements taken prior to the sampling of each well ranged from 2.31 feet (MW-4) to 6.97 feet (MW-2). Based on the static water levels in the monitoring wells and the topography of the Site, it appears that groundwater likely flows to the southwest.

6.2 *Surface and Subsurface Soil/Fill*

6.2.1 *Test Pit Investigation Proximate Former 6,000 gallon Fuel Oil UST*

Five test pits (TP-1 through TP-5) were excavated in the area of the suspect UST. No petroleum-type odor or staining was encountered in any of these five test pits; however, low-level PID readings were encountered within all of the test pits, with the exception of TP-1. TP-1 was advanced proximate the vent pipe and large asphalt patch located near the southeast exterior of the Site Building. Upon advancement of TP-1, it was determined that the underground piping connected to the vent pipe was cut off and crimped. TP-2 was advanced east of TP-1 to confirm or deny the presence of the 6,000-gallon fuel oil UST. Fill material consisting of angular gravel and crushed concrete was encountered in TP-2 and is consistent with that typically utilized to backfill UST cavities. Test pits TP-3 through TP-5 were advanced east of test pits TP-1 and TP-2 to further assess the subsurface soil conditions proximate the former UST. Fill material consisting of angular gravel was encountered at a depth ranging from the surface to 0.6 ft. bgs and brown silt and fly ash was encountered at 1 to 1.5 ft bgs in TP-3. Fill material was not encountered in test pit TP-4, while fill material was encountered at a depth ranging from 0.5 ft. bgs to 1.5 ft bgs in TP-5.

The table below summarizes the peak PID readings observed in the soils from the test pits advanced proximate the suspect UST.

Test Pit ID	Peak PID Reading (ppm)	Depth (ft.)
TP-1	0.0	NA
TP-2	0.1	2-4
TP-3	0.4	0.5-2
TP-4	0.2	0.5-2
TP-5	0.2	2-4

6.2.2 Site-Wide Test Pit Investigation

Fourteen additional test pits (TP-6 through TP-19) were excavated across the Site. No petroleum-type odor or staining was encountered in any of the test pit locations; however, low-level PID readings were encountered within all of the test pits. Equipment refusal did not occur in any of the test pits with the exception of TP-8 and TP-14 where large cobbles were encountered at depths of 6 and 5.1 ft. bgs, respectively. In addition, a blue/gray finely crushed cinder fill material was encountered within TP-14 at a depth ranging from 2 to 5 ft. bgs. The nature of the blue/gray fill material is unknown and was not encountered in any other test pits advanced at the Site. The remainder of the test pits appeared to consist of native soils.

The table below summarizes the peak PID readings observed on the soils from the test pits.

Test Pit ID	Peak PID Reading (ppm)	Depth (ft.)
SS-1/TP-6	0.9	Surface
TP-7	0.1	All except 2-4
SS2/TP-8	0.2	Surface
TP-9	0.1	All except 2-4
SS3/TP-10	0.4	Surface
SS4/TP-11	0.7	2-4
TP-12	0.5	0.1-2
SS5/TP-13	0.4	2-4
SS6/TP-14	0.3	Surface
TP-15	0.4	Surface
TP-16	0.3	2-4
TP-17	0.3	0.1-2 & 4-6
SS7/TP-18	0.6	2-4
TP-19	0.5	2-4

Notes:

1. All PID readings were collected utilizing a Minirae 3000 photoionization detector and are expressed in parts per million.
2. The PID screening is performed as a method of determining general presence or absence of VOCs in soil, and to provide a basis for selecting samples for laboratory analysis. The readings obtained provide only an indication of the relative levels of VOC presence in the soil, and are not considered to be a direct quantization of actual soil VOC concentration.

Soil and fill material excavated during the test pit investigation was screened for gamma radiation using a Ludlum Model #2221 scaler with a 44-10 gamma scintillation probe. A Site background range was established from average readings of the surface of the Site. The background was determined to be 6,282 counts per minute (cpm). At other locations in the area, the NYSDEC has applied a threshold of 10,000 cpm or two times background levels to determine management options for excavated TENORM slag. Elevated readings of 13,000 and 16,000 cpm were encountered in test pit TP-18 at the surface to 0.6 ft. bgs. In addition, elevated readings of 11,000 cpm were detected in test pit TP-19 at the surface to 0.2 ft. bgs. The material exhibiting the elevated gamma radiation readings from TP-18 and TP-19 appeared to consist of asphalt and subbase material.

Refer to Figure 2 for locations of the test pit locations. Test pit field logs are included in Appendix 1.

6.2.3 Test Boring Investigation

A total of four test borings (B-1 through B-4) were advanced on the Site. The test borings were advanced several feet into the water table. Terminal depths of the test borings ranged from between 10 and 15.3 ft. bgs. Low-level PID readings were identified in test boring B-1 at a depth of between 0.6 and 2 ft. bgs; however, no petroleum-type odor or staining was identified at this location. No petroleum-type odor, staining, or elevated PID readings were identified in three remaining test borings.

The table below summarizes PID readings obtained at various depth intervals from the soil borings.

Test Boring ID	Well Number	Sample Interval (ft. bgs)							
		0-2	2-4	4-6	6-8	8-10	10-12	12-14	14-15
B-1	MW-1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
B-2	MW-2	0.0	0.0	0.0	0.0	0.0	0.0	--	--
B-3	MW-3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	--
B-4	MW-4	0.0	0.0	0.0	0.0	0.0	--	--	--

Notes:

1. All PID readings were collected utilizing a Minirae 3000 photoionization detector and are expressed in parts per million.
2. The PID screening is performed as a method of determining general presence or absence of VOCs in soil, and to provide a basis for selecting samples for laboratory analysis. The readings obtained provide only an indication of the relative levels of VOC presence in the soil, and are not considered to be a direct quantization of actual soil VOC concentration.
3. "--" denotes boring not completed to above-listed depth or insufficient recovery occurred at specified depth.

The soil/fill samples recovered during the advancement of the four test boring locations were screened for gamma radiation using a Ludlum Model #2221 scaler with a 44-10 gamma scintillation probe. All gamma radiation level measurements for the test borings were less than two times the Site background rate.

6.3 Stockpiled Soil/Fill Characterization

Two grab samples (Stockpile 1 and Stockpile 2) were collected from the stockpile of unknown origin located on the Site on April 22, 2016. The stockpiled soil/fill consisted of wood, brick, metal piping, concrete blocks, stone, plastic, roots, and PVC piping. The sample identified as Stockpile 1 was taken from the north portion of the stockpile and exhibited a PID reading of 1.1 ppm. No petroleum-type odor or staining was encountered at this location. The sample identified as Stockpile 2 was taken from the south portion of the stockpile and exhibited a PID reading of 62.1 ppm. A diesel fuel-type odor was encountered at this location. Stockpile soil/fill samples were also screened for gamma radiation using a Ludlum Model #2221 scaler with a 44-10 gamma scintillation probe. Stockpile 1 exhibited a gamma radiation rate of 6,600 cpm, while Stockpile 2 exhibited a gamma radiation rate of 5,300 cpm. As such, no elevated gamma radiation levels were detected in connection with the stockpile samples.

6.4 Groundwater Characterization

Four temporary overburden groundwater monitoring wells designated as MW-1, MW-2, MW-3, and MW-4 were installed at the Site within test borings B-1, B-2, B-3, and B-4, respectively. Groundwater depths were measured at 4.23 ft. bgs in MW-1, 6.97 ft. bgs in MW-2, 6.95 ft. bgs in MW-3, and 2.31 ft. bgs in MW-4 prior to the collection of groundwater samples utilizing low-flow sampling procedures.

Test boring and monitoring well locations are shown on Figure 2. Copies of the Field Logs are included in Appendix 1.

6.5 Soil Vapor Intrusion Assessment

Seven sampling points were established for this work and included three sub-slab soil vapor sampling points (SS1 through SS3), three indoor air sampling points (ID1 through ID3), and one outdoor ambient air sampling point (OD1). The soil vapor sampling methods utilized were generally consistent with the 2006 New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York. SS1 was collected from beneath the basement slab located within the southeast portion of the Site Building basement, SS2 was collected from beneath the basement slab located within the southwest portion of the basement, and SS3 was collected from beneath the basement slab within the north portion of the basement. Indoor air samples ID1, ID2, and ID3 were collected from proximate SS1, SS2, and SS3, respectively. One outdoor air sample (OD1) was collected proximate the southeast exterior of the Site Building in a generally upwind location. The summa canisters were equipped with laboratory calibrated regulators to collect the samples over an approximately four-hour period. Sampling locations associated with the Soil Vapor Intrusion Assessment are identified in Figure 2.

Weather conditions at the time of sample collection were overcast with a temperature of approximately 65 ° F. The barometric pressure was 29.81 inches. Based on Site observations, wind was generally out of the southwest.

In addition, LaBella completed the NYSDOH Indoor Air Quality Questionnaire for the Site Building. A copy of the NYSDOH Indoor Air Quality Questionnaire is included in Appendix 3.

6.6 Laboratory Analytical Results

6.6.1 Surface Soil

Surface soil sample analytical results were compared to the NYSDEC Part 375 Unrestricted, Residential, and Restricted-Residential Soil Cleanup Objectives (SCOs), and the Eastern USA Background concentrations. The laboratory results are summarized in Table 1 and the laboratory analytical report is included in Appendix 2.

Several SVOCs were detected in surface soil sample SS3 at concentrations exceeding the NYSDEC Part 375 Unrestricted, Residential, and Restricted-Residential SCOs. Benzo(a)anthracene, benzo(b)fluoranthene, benzo(a) pyrene, and indeno(1,2,3-cd)pyrene were all detected above the NYSDEC Part 375 Unrestricted, Residential, and Restricted-Residential SCOs in SS3.

Several metals were detected at concentrations exceeding the NYSDEC Part 375 Unrestricted, Residential, and Restricted-Residential SCOs and the Eastern USA Background concentrations. Chromium was detected in surface soil samples SS4 and SS6 and lead was detected in surface soil samples SS3 and SS4 at concentrations above the NYSDEC Part 375 Unrestricted, Residential, and Restricted-Residential SCOs and the Eastern USA Background concentrations.

6.6.2 Subsurface Soil proximate Former 6,000-Gallon Fuel Oil UST

Subsurface soil sample analytical results proximate the former 6,000-gallon fuel oil UST were compared to the NYSDEC CP-51 SCOs, NYSDEC Part 375 Unrestricted, Residential, and Restricted-Residential SCOs, and the Eastern USA Background concentrations. The laboratory results are summarized in Table 3 and the laboratory analytical report is included in Appendix 2.

Benzo(a)anthracene and benzo(b)fluoranthene were detected in TP-3D02 at concentrations exceeding both NYSDEC CP-51 and NYSDEC Part 375 Unrestricted Use SCOs.

6.6.3 Site-Wide Subsurface Soil

Subsurface soil sample analytical results were compared to the NYSDEC Part 375 Unrestricted, Residential, and Restricted-Residential SCOs, and the Eastern USA Background concentrations. The laboratory results are summarized in Table 2 and the laboratory analytical report is included in Appendix 2.

Acetone was detected in TP-6D02 and TP-18D24 at concentrations exceeding the NYSDEC Part 375 Unrestricted Use SCO.

Chromium was detected in TP-14D02 at a concentration exceeding the NYSDEC Part 375 Unrestricted, Residential, and Restricted-Residential SCOs, and the Eastern USA Background concentrations.

6.6.4 Stockpiled Soil

Stockpiled soil sample analytical results were compared to the NYSDEC Part 375 Unrestricted, Residential, and Restricted-Residential SCOs, and to the Eastern USA Background concentrations. The laboratory results are summarized in Table 4 and the laboratory analytical report is included in Appendix 2.

One pesticide identified as 4,4-DDE was detected in Stockpile 2 at a concentration exceeding the NYSDEC Part 375 Unrestricted Use SCO.

Cadmium and lead were detected in Stockpile 2 at concentrations exceeding the NYSDEC Part 375 Unrestricted, Residential, and Restricted-Residential SCOs, and the Eastern USA Background concentrations. Chromium was detected in Stockpile 2 at a concentration exceeding NYSDEC Part 375 Unrestricted and Residential SCOs, as well as the Eastern USA Background level.

6.6.5 Groundwater

Groundwater analytical results were compared to the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards (AWQS). The laboratory results are summarized in Table 5 and the laboratory analytical report is included in Appendix 2.

Benzene was detected at concentrations exceeding the TOGS AWQS in MW-1 and MW-4. No other analytes were detected at concentrations exceeding TOGS AWQS. The source of the benzene detected in MW-1 and MW-4 is currently unknown, but may originate from an off-site source given that these wells appear to be up-gradient of the majority of the developed portion of the site and no on-site sources were identified.

6.6.6 Soil Vapor Intrusion Assessment

The soil vapor intrusion laboratory results are summarized in Table 6 and the laboratory analytical report is included in Appendix 2.

Sub-Slab Soil Vapor Results

Elevated concentrations of several VOCs were detected in sub-slab soil vapor samples collected from the Site. Carbon tetrachloride was detected in all three sub-slab soil vapor samples at a concentration that requires reasonable and practical actions to identify source(s) and reduce exposures when applied to 2006 NYSDOH Soil Vapor/Indoor Air Matrix 1. Additionally, trichloroethane was detected in sub-slab soil vapor point SS1 at a concentration that also requires reasonable and practical actions to identify source(s) and reduce exposures when applied to 2006 NYSDOH Soil Vapor/Indoor Air Matrix 1.

Carbon tetrachloride was detected in SS1, SS2, and SS3 at 0.31 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$), $0.63 \mu\text{g}/\text{m}^3$, and $0.38 \mu\text{g}/\text{m}^3$, respectively. Trichloroethane was detected in SS1 and SS3 at $1.56 \mu\text{g}/\text{m}^3$, and $0.32 \mu\text{g}/\text{m}^3$, respectively. Tetrachloroethene was detected in SS1, SS2, and SS3 at $0.41 \mu\text{g}/\text{m}^3$, $1.29 \mu\text{g}/\text{m}^3$, and $0.27 \mu\text{g}/\text{m}^3$, respectively. No on-site source of the chlorinated solvents detected in the sub-slab vapor samples was evident based on the analysis of soil and groundwater samples from the site.

In addition, several petroleum related constituents such as benzene, toluene, ethylbenzene, xylenes, naphthalene (SS1 only), 1,3,5-Trimethylbenzene, and 1,2,4-Trimethylbenzene were detected in all three sub-slab soil vapor samples. 2,2,4-Trimethylpentane was detected at concentrations of $38.8 \mu\text{g}/\text{m}^3$, $4.48 \mu\text{g}/\text{m}^3$, and $8.87 \mu\text{g}/\text{m}^3$ in SS1, SS2, and SS3, respectively. It should be noted that the 2006 NYSDOH Soil Vapor/Indoor Air Matrix 1 & 2 does not include guidelines for the analytes detected above. Furthermore, the State of New York does not have any standards, criteria or guidance (SCG) values for concentrations of volatile chemicals in subsurface vapors (either soil vapor or sub-slab vapor).

It should also be noted that air samples SS1, SS2, and SS3 were diluted and re-analyzed due to high concentrations of the analytes detected.

Indoor Air Results

Elevated concentrations of VOCs were detected in all indoor air samples collected from the Site. Carbon tetrachloride was detected at $0.44 \mu\text{g}/\text{m}^3$ in ID1, ID2, and ID3. It should be noted that based on NYSDOH Soil Vapor/Indoor Air Matrix 1, reasonable and practical actions should be completed to identify sources and reduce exposures. Trichloroethene was detected at $0.27 \mu\text{g}/\text{m}^3$ in ID1, and, based on NYSDOH Soil Vapor/Indoor Air Matrix 1, reasonable and practical actions should be completed to identify sources and reduce exposures. In addition, concentrations of petroleum related constituents benzene and toluene were detected within ID1, ID2, and ID3. Additionally, 2,2,4-Trimethylpentane was detected at concentrations of $3.13 \mu\text{g}/\text{m}^3$, $0.98 \mu\text{g}/\text{m}^3$, and $1.17 \mu\text{g}/\text{m}^3$ in SS1, SS2, and SS3, respectively. It should be noted that the 2006 NYSDOH Soil Vapor/Indoor Air Matrix 1 & 2 does not include guidelines for the petroleum related constituents detected above.

Outdoor Air

Several VOCs were detected in OD1. Petroleum related constituents benzene, toluene, ethylbenzene, xylenes, 1,3,5-Trimethylbenzene, and 1,2,4-Trimethylbenzene were detected in ODI. It should be noted that the 2006 NYSDOH Soil Vapor/Indoor Air Matrix 1 & 2 does not include standards for the petroleum related constituents detected above.

6.6.7 Data Usability Summary Report

A third-party data validation of the laboratory analytical results was completed by Data Validation Services (DVS). The Data Usability Summary Reports (DUSRs) indicated that most of the sample results are usable either as reported or with minor qualification. The results for one volatile analyte (1,4-dioxane) in all samples were rejected due to inherent low processing responses. This analyte was also reported in the semi-volatile fraction of the samples. Eleven of the fifteen volatile analytes in one stockpile sample (Stockpile 2) were rejected due to a matrix effect. Two semi-volatile analytes (4-chloroaniline and 3,3-dichlorobenzidine) in MW-1 were not usable due to an apparent matrix effect. The DVS DUSRs are included in Appendix 6.

7.0 CONCLUSIONS

Based on the results of this assessment, the following conclusions have been developed:

- Apparent industrial fill material including fly ash and a blue/gray cinder material was observed in two test pits on the Site at depths of less than 5 ft. bgs, but does not appear to be laterally extensive.
- Native overburden at the Site primarily consists of brown to reddish brown silt and clay with varying amounts of sand and gravel; however, cobbles were encountered at a depth of 5-6 ft. bgs at several locations. Bedrock occurs at depths of greater than 15.3 ft. bgs at the Site.
- Static water levels in the newly installed monitoring wells ranged from 2.3-6.9 ft. bgs and groundwater flow appears to be in a southwesterly direction.
- The subsurface investigation in the vicinity of the suspect 6,000-gallon UST revealed that the UST is no longer present on the Site and no petroleum odor or staining was observed in the test pits excavated in this area.
- Contaminants were detected in surface soil and subsurface soil on the Site at concentrations that exceeded applicable Standards, Criteria and Guidance (SCGs). The contaminants detected in surface soil included Polycyclic Aromatic Hydrocarbons (PAHs), chromium and lead. Subsurface soil contamination consisting of Acetone, PAHs and chromium was also detected.

- Diesel fuel-type odors and elevated PID readings were observed in a sample from the stockpiled fill on the Site. This sample also contained concentrations of cadmium, lead, chromium and one pesticide that exceeded SCGs.
- Benzene was detected at concentrations exceeding the water quality standards (TOGS AWQS) in the samples collected from two of the monitoring wells (MW-1 and MW-4). The source of the benzene contamination is currently unknown, but may originate from an off-site source given that these wells appear to be up-gradient of the majority of the developed portion of the site and no on-site sources were identified. It should be noted that potable water service at the Site is currently provided by the municipal system. Furthermore, Chapter 135 of the Town of Niagara's zoning code prohibits potable use of groundwater within the Town of Niagara limits.
- TENORM slag exhibiting gamma radiation levels exceeding the measured Site background level was encountered in the asphalt and subbase material in test pit location TP-18 and TP-19. Gamma radiation levels measured in the other test pits and the test borings were generally less than two times the Site background level. The extent of the material exhibiting elevated gamma radiation levels is unknown.
- Concentrations of several chlorinated solvents were detected above NYSDOH recommended minimum action levels in both the sub-slab vapor and indoor air samples. No on-site source of the chlorinated solvents was evident based on the analysis of soil and groundwater samples from the site. The source of the chlorinated solvents detected within the sub-slab vapor and indoor air samples is unknown. Additionally, several aromatic hydrocarbons commonly associated with gasoline were detected in the sub-slab soil vapor samples; however, the same compounds were also detected in the outdoor air sample. Although the source of the aromatic hydrocarbons detected within the sub-slab soil vapor samples is unknown, based on the detection of aromatic hydrocarbons within the outdoor air sample, such may be ambient outdoor air conditions (i.e. automotive exhaust, off-site air emissions, etc.).
- Based on the Pre-demolition Asbestos Inspection report completed in June 2015, asbestos containing building materials were identified within the Site Building. The interior of the Site Building is in poor condition, and it is likely that asbestos containing materials have been released to floor surfaces within the Site Building.

8.0 RECOMMENDATIONS

This Phase II ESA has identified contaminants in soil and groundwater at the Site at concentrations that exceed the NYSDEC Part 375 Soil Cleanup Objectives (SCOs) for unrestricted, residential, and restricted residential use and the ambient water quality standards, respectively. Petroleum nuisance characteristics and contamination in excess of the aforementioned SCOs were also detected in the stockpiled fill material that is located on the Site. Additionally, volatile organic contaminants were detected in the sub-slab vapor and indoor air samples collected beneath and within the on-site structure. The following recommendations have been developed to address the contamination detected during the Phase II ESA:

- Remove and dispose of the stockpiled fill material at an appropriately permitted off-site disposal facility. This will likely require waste characterization of the material in order to satisfy the specific requirements of the selected disposal facility and the completion of a NYSDEC Application for Disposal of Industrial Waste Stream to secure waste stream approval from said facility. It is anticipated that the cost for removal and non-hazardous disposal of the stockpiled fill material will not exceed \$20,000.00.

- Asbestos containing building materials should be handled in accordance with local, state, and federal regulations. Asbestos abatement can be completed concurrent with Site redevelopment and Site Building renovation activities. An asbestos abatement proposal prepared by others dated August 10, 2015 estimated an asbestos abatement cost of \$473,000 for the Site Building. It should be noted that asbestos related services were not completed associated with LaBella's scope of work.
- Install a sub slab depressurization system in conjunction with building renovations or perform supplemental vapor intrusion monitoring once building renovations have been completed and the new heating, ventilation and air conditioning (HVAC) system has commenced operation to determine if mitigation is warranted. It is anticipated that the cost to complete one supplemental vapor intrusion monitoring event would not exceed \$10,000.00. Installation of a sub-slab depressurization system is not anticipated to exceed \$50,000.00.
- Should additional evaluation of the source or extent of the benzene impacted groundwater at the Site be desired, installation and sampling of additional groundwater monitoring wells would be necessary at the Site. Such can be completed concurrent with Option 1 or Option 2 outlined below.
- Additional investigation appears warranted to evaluate the extent of the material exhibiting elevated gamma radiation levels encountered within test pits TP-18 and TP-19. Such can be completed concurrent with Option 1 or Option 2 outlined below.

It is LaBella's understanding that redevelopment of the Site is being considered by a third party and entrance into the NYSDEC Brownfield Cleanup Program (BCP) may be considered as part of Site redevelopment efforts. Based on the results of this assessment, it appears that the Site qualifies for the NYSDEC BCP. Should entrance into the NYSDEC BCP be desired, LaBella has generated two NYSDEC BCP options for the Site for consideration.

Option 1 - Track 1 Unrestricted/Restricted Residential Cleanup

For consideration purposes, LaBella estimates a total cost of \$1,217,000.00 to successfully complete a NYSDEC BCP Track 1 Unrestricted or Restricted Residential Cleanup for the Site. Although the scope and cost of Option 1 cannot be confirmed at this time, this approach would generally include addressing the recommendations discussed above, additional investigation of the Site (Remedial Investigation), analysis of remedial options (Remedial Alternatives Analysis), and selection of a remedial approach (Remedial Action Work Plan & Remedial Program Oversight and Monitoring). The cost provided associated with Option 1 assumes the remedy selected will focus on removal of soil from the Site exhibiting contaminant concentrations exceeding NYSDEC Part 375 Unrestricted or Restricted Residential Use SCOs. It should be noted that the total cost estimate of \$1,217,000.00 excludes installation of a sub-slab depressurization system, removal/disposal of the stockpiled fill material, or asbestos abatement (costs provided above). Furthermore, this cost assumes that soil removal will be generally limited to east adjacent of Military Road and adjacent the Site Building. Table 7 included within the Appendix of this report summarizes the costs and assumptions utilized to generate the Option 1 cost estimate.

Option 2 - Track 4 Restricted Residential Cleanup

For consideration purposes, LaBella estimates a total cost of \$743,000.00 to successfully complete a NYSDEC BCP Track 4 Restricted Residential Cleanup for the Site. Although the scope and cost of Option 2 cannot be confirmed at this time, this approach would generally include addressing the recommendations discussed above, additional investigation of the Site (Remedial Investigation), analysis of remedial options (Remedial Alternatives Analysis), and selection of a remedial approach (Remedial Action Work Plan & Remedial Program Oversight and Monitoring). The cost provided associated with Option 2 assumes the remedy selected will focus on removal of approximately two feet of surface soil from the areas exhibiting contaminant concentrations exceeding NYSDEC Part 375 Restricted Residential Use SCOs, and placement of a two feet of clean soil to “cap” the Site and limit Site occupant exposure to subsurface impact. It should be noted that the total cost estimate of \$743,000.00 excludes installation of a sub-slab depressurization system, removal/disposal of the stockpiled fill material, or asbestos abatement (costs provided above). Furthermore, this cost assumes that soil removal and capping activities will be generally limited to east adjacent of Military Road and adjacent the Site Building. Table 8 included within the Appendix of this report summarizes the costs and assumptions utilized to generate the Option 2 cost estimate.

Should other uses of the Site be contemplated in the future, these recommendations should be re-evaluated to determine whether they are appropriate for the intended use.

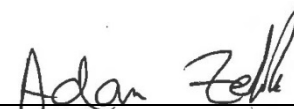
9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Report Prepared By:



Jessica Dombrowski
Environmental Analyst
Environmental Professional

Report Reviewed By:



Adam Zebrowski
Project Manager
Environmental Professional

J:\NIAGARA COUNTY DEPT. OF ECONOMIC DEVELOPMENT\2160516 - 4185 MILITARY RD PHASE II ESA\REPORTS\PHASE II\2160516_4185 MILITARY ROAD PHASE II ESA DRAFT REPORT 8.26.2016.DOCX

FIGURES

Table 6
Fomer Military Road School
4185 Military Road, Niagara, Niagara County, New York
Phase II Investigation
Summary of Soil Vapor Analytical Results
(Detected Compounds Only)

Sample ID	¹ OD1	¹ SS1	1D1	¹ SS2	ID2	¹ SS3	ID3
Location	Outdoor Air	Subslab Vapor	Indoor Air	Subslab Vapor	Indoor Air	Subslab Vapor	Indoor Air
Sample Date	4/21/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016
Volatile Organic Compounds (µg/m3)							
Dichlorodifluoromethane	1.58 J	1.29 J	1.88 J	1.93 J	1.88 J	1.58 J	1.83 J
Chloromethane	1.14	0.56 J	0.83 J		0.72 J	0.35 J	0.99 J
Trichlorofluoromethane	1.46 J	4.38	21.9	4.16	19.1	8.43 JD	25.3
Heptane	10.2 JD	23.8 D	1.27 J	23 D	0.41 J	7.38 JD	0.57 J
Carbon disulfide		2.37		4.67 JD		3.11	
Methylene Chloride						3.02 B	
Cyclohexane	7.92 JD	17.9 D	2.58	10.7 JD	1.86	7.23 JD	2.07
2-butanone	2.89	5.6 JD	0.53 J	2.57	0.35 J	1.65	0.74 J
Carbon tetrachloride	0.44	0.31	0.44	0.63	0.44	0.38	0.44
Benzene	15.3 JD	24.3	5.43	13.1 JD	3.19	16 D	3.51
Trichloroethene	0.32	1.56	0.27			0.32	
Toluene	92.7 D	266 D	15.40	40 D	7.16	79.9 D	8.29
Tetrachloroethene		0.41		1.29		0.27	
Ethyl benzene	6.08	12.2 JD		6.95		5.65	
m/p-xylene	9.56 JD	40.8 D		20.4 JD		13.9 JD	
o-xylene	6.52	13.5 JD		6.95		5.21	
Styrene	0.47 J	3.07				0.3 J	
1,3,5-Trimethylbenzene	1.08 J	4.38		1.67 J		1.03 J	
1,2,4-Trimethylbenzene	3.69	10.3 JD		4.92		3.74	
Naphthalene		0.84 J					
4-ethyltoluene	1.28 J	5.41		2.85		2.16 J	
Hexane	101 D	148 D	28.2	61 D	13.7	100 D	16.6
2,2,4-Trimethylpentane	20.6 JD	38.8	3.13	4.48	0.98 J	8.87 JD	1.17 J
1,2-Dichloropropane	0.55 J	2.26 J				0.51 J	
Methyl Methylcrylate		5.73					
1,1,1-Trichloroethane				0.44			
1,1,2-Trichlorotrifluoroethane						0.54 J	
Total VOC	269.14	633.77	81.86	211.71	49.79	271.53	61.51

J=The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

B=The analyte was identified in the Field Blank as well as the sample report.

D=Compound identified in an analysis at a secondary dilution factor.

E=The analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.

Q=the LCS did not meet the control limit's requirements.

µg/m3 = micrograms per cubic meter

*Samples were diluted and re-analyzed due to high concentrations

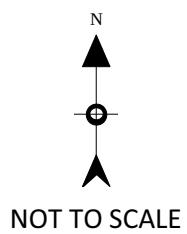


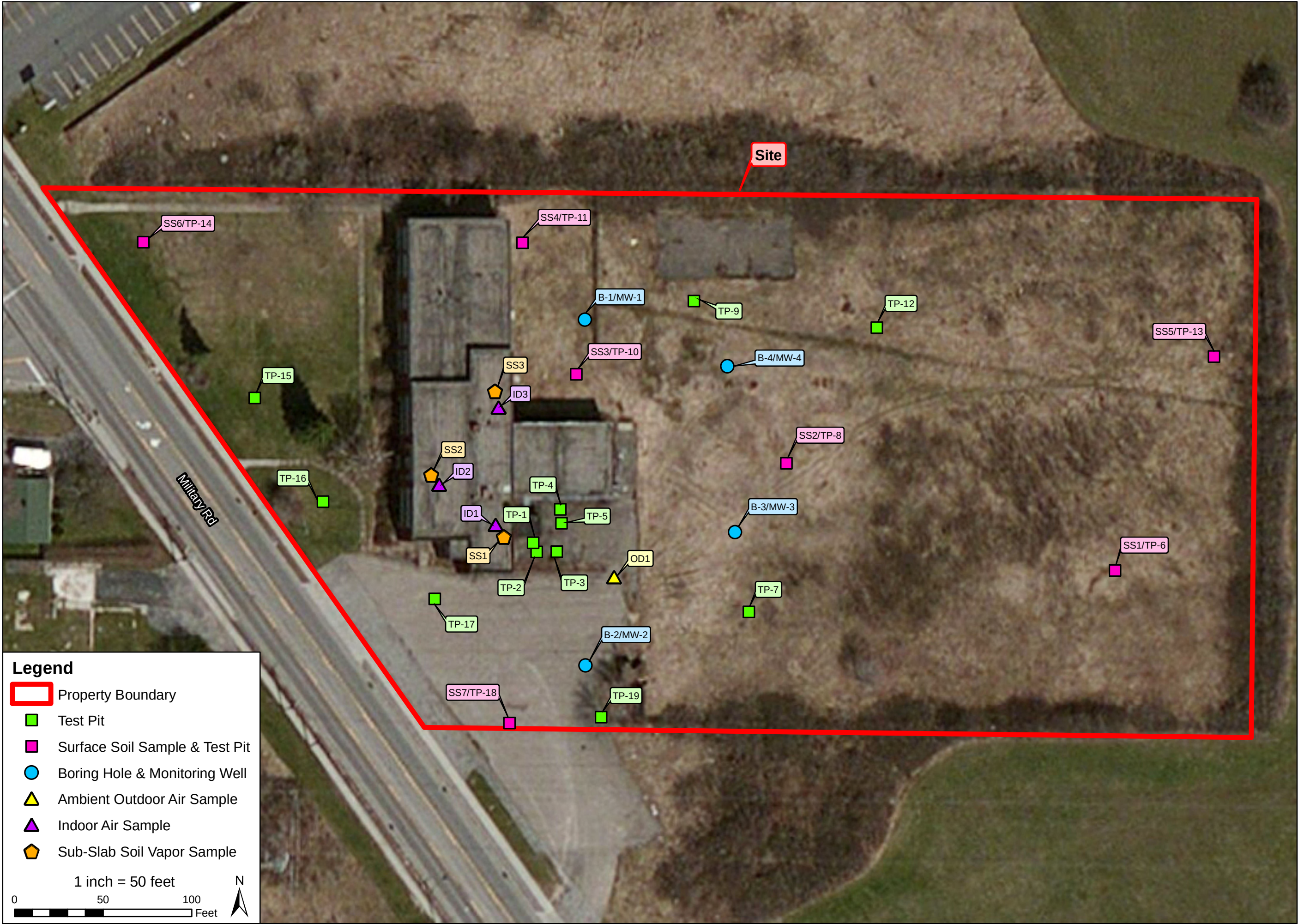
FIGURE 1 SITE SKETCH

4185 Military Road
Niagara, New York

ABELLA

PROJECT NO. 2160516

Path: J:\Niagara County Dept. of Economic Development\2160516 - 4185 Military Rd Phase II ESAMaps\MAP.2016.7.7.Fig2_SampleLocations.mxd



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LABELLA
Associates, D.P.C.

PROJECT CLIENT
4185 MILITARY ROAD
(SBL #131.14-2-17)
NIAGARA, NEW YORK
NIAGARA COUNTY
DEPT. OF ECO. DEV.

DRAWING TITLE
SAMPLE LOCATION MAP

ISSUED FOR	DESIGNED BY	RCN
REVIEW	KMN	KMN
DATE:	JULY 2016	REVIEWED BY:

PROJECT/DRAWING NUMBER

2160516

FIGURE 2

TABLES

Table 1
Former Military Road School
4185 Military Road, Niagara, Niagara County, New York
Phase II Investigation
Summary of Surface Soil/Fill Analytical Results
(Detected Compounds Only)

Sample ID	SS1	SS2	SS3	SS4	SS5	SS6	SS7	Dup	Unrestricted Use Soil Cleanup Objectives	Residential Use Soil Cleanup Objectives	Restricted Residential Use Soil Cleanup Objectives	Eastern USA Background
Depth	Surface	Surface	Surface	Surface	Surface	Surface	Surface	SS1				
Sample Date	4/22/2016	4/22/2016	4/22/2016	4/22/2016	4/22/2016	4/22/2016	4/22/2016	4/22/2016				
Volatile Organic Compounds (µg/kg)												
Acetone							25.7		50	100,000	100,000	NL
Methyl Acetate							7.7		NL	NL	NL	NL
Methyl ethyl ketone (2-Butanone)							5.5		120	100,000	100,000	NL
Toluene							2.3		700	100,000	100,000	NL
m/p Xylenes	1.4	2.8						2.6	260	100,000	100,000	NL
o Xylenes	1.3							2.3	260	100,000	100,000	NL
Total TICs		5.2				1.5			NL	NL	NL	NL
Total VOCs	2.7	8	0	0	0	1.5	41.2	4.9	NL	NL	NL	NL
Semi-Volatile Organic Compounds (µg/kg)												
Acenaphthene			230	120					20,000	100,000	100,000	NL
Anthracene			470	270		82.7			100,000	100,000	100,000	NL
Benzo(a)anthracene		190	<i>1,500</i>	660		370			1,000	1,000	1,000	NL
Benzo(b)fluoranthene		200	<i>1,600</i>	620		460			1,000	1,000	1,000	NL
Benzo(k)fluoranthene		94.4	440	300		210			800	1,000	3,900	NL
Benzo(g,h,i)perylene			540	200		170			100,000	100,000	100,000	NL
Benzo(a)pyrene		140	<i>1,100</i>	490		330			1,000	1,000	1,000	NL
Carbazole			250	130					NL	NL	NL	NL
Chrysene		190	960	530		350			1,000	1,000	3,900	NL
Dibenzo(a,h)anthracene			190	80.8					330	330	330	NL
Dibenzofuran			140	87.2					NL	NL	NL	NL
Diethylphthalate				420				490	NL	NL	NL	NL
Dimethylphthalate			420		420	530	430		NL	NL	NL	NL
Di-n-butylphthalate	490	360							NL	NL	NL	NL
Fluoranthene		310	2,000	990		690			100,000	100,000	100,000	NL
Fluorene			270	170					30,000	100,000	100,000	NL
Indeno(1,2,3-cd)pyrene			<i>720</i>	270		200			500	500	500	NL
2-Methylnaphthalene			100						NL	NL	NL	NL
Naphthalene			280	100					12,000	100,000	100,000	NL
Phenanthrene		270	1,500	1,000					100,000	100,000	100,000	NL
Pyrene		260	1,900	800		570			100,000	100,000	100,000	NL
Total TICs	11,790	10,950	9,070	13,910	4,747.6	19,450	8,400	11,860	NL	NL	NL	NL
Total SVOCs	12,280	12,964	23,680	21,148	5,167.6	23,413	8,830	12,350	NL	NL	NL	NL
Pesticides / Herbicides (µg/Kg)												
Lindane			1.9	6.4					100	280	1,300	NL
Metals (mg/kg)												
Arsenic	5.6	11.8	3.32	5.71	5.31	5.22	4.58	5.89	13	16	16	3-12
Barium	80.8	37.3	31.7	114	113	94.1	98.8	85.5	350	350	400	15-600
Cadmium		0.245	0.486	0.644		0.677	0.737		2.5	2.5	4.3	0.1-1.0
Chromium	17.9	9.37	8	<i>55.1</i>	19.6	<i>1,460</i>	18.6	18.8	*1/30	*22/36	*110/180	1.5-40
Lead	17.8	30.1	<i>75.9</i>	<i>63.3</i>	12.6	27.4	19.8	18.7	63	400	400	4-61
Mercury	0.08	0.078	0.116	0.097	0.041	0.122	0.048	0.077	0.18	0.81	0.81	0.001-0.2
Seleenim	0.63	0.805		0.511	0.824	0.469	0.413	0.816	3.9	36	180	1,500

NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives, Table 375-6.8(a) (December 2006)

NYSDEC Part 375 Residential Use Soil Cleanup Objectives, Tables 375-6.8(b) (December 2006)

NYSDEC Part 375 Restricted-Residential Use Soil Cleanup Objectives, Tables 375-6.8(b) (December 2006)

NYSDEC Division Technical and Administrative Guidance Memorandum HWR-92-4060, Eastern US Background Concentrations for Soil

NL=Not listed

NA=Not applicable

Concentrations in gray exceed the Unrestricted Use SCDs

Concentrations in *italic* exceed the Residential Use SCDs

Concentrations in **red** exceed the Restricted-Residential Use SCDs

Concentrations that are underlined exceed the Eastern US Background Concentrations (metals only)

* = Chromium hexavalent/Chromium trivalent

Table 2
Former Military Road School
4185 Military Road, Niagara, Niagara County, New York
Phase II Investigation
Summary of Subsurface Soil/Fill Analytical Results
(Detected Compounds Only)

Sample ID	TP-6D02	TP-8D46	TP-10D46	TP-11D24	TP-13D24	TP-14D02	TP-18D24	Unrestricted Use Soil Cleanup Objectives	Residential Use Soil Cleanup Objectives	Restricted Residential Use Soil Cleanup Objectives	Eastern USA Background
Depth	0.5-2 ft bgs	4-6 ft bgs	4-6 ft bgs	2-4 ft bgs	2-4 ft bgs	0.5-2 ft bgs	2-4 ft bgs				
Sample Date	4/21/2016	4/21/2016	4/22/2016	4/22/2016	4/22/2016	4/22/2016	4/22/2016				
Volatile Organic Compounds (µg/kg)											
Acetone	85.2			28.2		26	66.1	50	100,000	100,000	NL
Benzene		2.9			1.6	1.6		60	2,900	4,800	NL
Ethylbenzene		1.1						1,000	30,000	4,100	NL
Methylcyclohexane		5.9	0.93		1.1	3.9		NL	NL	NL	NL
Methyl ethyl ketone (2-Butanone)	5.4					3.6	10	120	100,000	100,000	NL
Toluene	1.1	5.9			1.7	2.5		700	100,000	100,000	NL
m/p Xylenes	1.9	4.8			1.2	2.3		260	100,000	100,000	NL
o Xylenes	0.91	1.8						260	100,000	100,000	NL
Total TICs	191.9	4.4		29.3		1.5		NL	NL	NL	NL
Total VOCs	286.41	26.8	0.93	57.5	5.6	41.4	76.1	NL	NL	NL	NL
Semi-Volatile Organic Compounds (µg/kg)											
Anthracene						110		100,000	100,000	100,000	NL
Benzo(a)anthracene						520		1,000	1,000	1,000	NL
Benzo(b)fluoranthene						460		1,000	1,000	1,000	NL
Benzo(k)fluoranthene						230		800	1,000	3,900	NL
Benzo(g,h,i)perylene						180		100,000	100,000	100,000	NL
Benzo(a)pyrene						350		1,000	1,000	1,000	NL
Chrysene						340		1,000	1,000	3,900	NL
Dimethylphthalate	420			470	390	440	500	NL	NL	NL	NL
Fluoranthene						830		100,000	100,000	100,000	NL
Indeno(1,2,3-cd)pyrene						190		500	500	500	NL
Phenanthrene						490		100,000	100,000	100,000	NL
Pyrene						710		100,000	100,000	100,000	NL
Total TICs	19,080	5,069.8	4,470	5,402.7	4,090	10,360	12,240	NL	NL	NL	NL
Total SVOCs	19,500	5,070	4,470	5,873	4,480	15,210	12,740	NL	NL	NL	NL
Pesticides / Herbicides (µg/Kg)											
Lindane						0.86		100	280	1,300	NL
Metals (mg/kg)											
Arsenic	5.63	5.62	4.34	4.94	5.16	5.3	4.7	13	16	16	3-12
Barium	75	104	110	118	108	81.8	128	350	350	400	15-600
Cadmium		0.492	0.369	0.171	0.389	0.741	0.238	2.5	2.5	4.3	0.1-1.0
Chromium	17.6	17.6	17.9	22.3	16.2	889	18.9	*1/30	*22/36	*110/180	1.5-40
Lead	18.2	10.2	9.09	14.1	9.02	43.7	9.55	63	400	400	4-61
Mercury	0.06	0.017	0.018	0.049	0.018	0.112	0.028	0.18	0.81	0.81	0.001-0.2
Seleunim	0.613			0.575		0.351	0.913	3.9	36	180	1,500

NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives, Table 375-6.8(a) (December 2006)

NYSDEC Part 375 Residential Use Soil Cleanup Objectives, Tables 375-6.8(b) (December 2006)

NYSDEC Part 375 Restricted-Residential Use Soil Cleanup Objectives, Tables 375-6.8(b) (December 2006)

NYSDEC Division Technical and Administrative Guidance Memorandum HWR-92-4060, Eastern US Background Concentrations for Soil

NL=Not listed

Concentrations in gray exceed the Unrestricted Use SCOs

Concentrations in *italic* exceed the Residential Use SCOs

Concentrations in **red** exceed the Restricted-Residential Use SCOs

Concentrations that are underlined exceed the Eastern US Background Concentrations

* = Chromium hexavalent/Chromium trivalent

Table 3
Former Military Road School
4185 Military Road, Niagara, Niagara County, New York
Phase II Investigation
Summary of Subsurface Soil/Fill Proximate 6,000-Gallon Fuel Oil UST Analytical Results
(Detected Compounds Only)

Sample ID	TP-1D46	TP-3D02	TP-5-D24	Unrestricted Use Soil Cleanup Objectives	Residential Use Soil Cleanup Objectives	Restricted Residential Use Soil Cleanup Objectives	Eastern USA Background
Depth	4-6 ft bgs	0.5-2 ft bgs	2-4 ft bgs				
Sample Date	4/21/2016	4/21/2016	4/21/2016				
Volatile Organic Compounds (µg/kg)							
Toluene			3.2	700	100,000	100,000	NL
Total VOCs	0	0	3.2	NL	NL	NL	NL
Semi-Volatile Organic Compounds (µg/kg)							
Acenaphthene		210		20,000			NL
Anthracene		370		100,000	100,000	100,000	NL
Benzo(a)anthracene		1,100		1,000	1,000	1,000	NL
Benzo(b)fluoranthene		1,200		1,000	1,000	1,000	NL
Benzo(k)fluoranthene		250		800	1,000	3,900	NL
Benzo(g,h,i)perylene		340		100,000	100,000	100,000	NL
Benzo(a)pyrene		790		1,000	1,000	1,000	NL
Chrysene		690		1,000	1,000	3,900	NL
Dibenzo(a,h)anthracene		130		330	330	330	NL
Fluoranthene		1,600		100,000	100,000	100,000	NL
Fluorene		200		30,000	100,000	100,000	NL
Indeno(1,2,3-cd)pyrene		400		500	500	500	NL
Phenanthrene		1,300		100,000	100,000	100,000	NL
Pyrene		1,300		100,000	100,000	100,000	NL
Total TICs	5,050	11,650.7	4,316	NL	NL	NL	NL
Total SVOCs	5,050	21,530.7	4,316	NL	NL	NL	NL

NYSDEC Commissioner Policy, 51 (CP-51) Soil Cleanup Guidance for Gasoline and Fuel Oil Contaminated Soils, Tables 2 and 3

NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives, Table 375-6.8(a) (December 2006)

NYSDEC Division Technical and Administrative Guidance Memorandum HWR-92-4060, Eastern US Background Concentrations for Soil

NL=Not listed

NA=Not applicable

Concentrations in gray exceed the Unrestricted Use SCOs

Concentrations in *italic* exceed the Residential Use SCOs

Concentrations in **red** exceed the Restricted-Residential Use SCOs

Table 4
Former Military Road School
4185 Military Road, Niagara, Niagara County, New York
Phase II Investigation
Summary of Surface Soil/Fill Analytical Results
(Detected Compounds Only)

Sample ID	Stockpile 1	Stockpile 2	Unrestricted Use Soil Cleanup Objectives	Residential Soil Cleanup Objectives	Restricted Residential Soil Cleanup Objectives	Eastern USA Background
Sample Date	4/22/2016	4/22/2016				
Volatile Organic Compounds (µg/kg)						
Benzene	2.1		60	2,900	4,800	NL
Toluene	4.5	2.6	700	100,000	100,000	NL
1,2,4-Trimethylbenzene	2.4		3,600	47,000	52,000	NL
1,3,5-Trimethylbenzene		5	8,400	47,000	52,000	NL
m/p Xylenes	3.1	5	260	100,000	100,000	NL
Total TICs	79.4	2,640.0	NL	NL	NL	NL
Total VOCs	91.5	2,652.6	NL	NL	NL	NL
Semi-Volatile Organic Compounds (µg/kg)						
Total TICs	11,160	7,100	NL	NL	NL	NL
Total SVOCs	11,160	7,100	NL	NL	NL	NL
Pesticides / Herbicides (µg/Kg)						
4,4-DDE		6.5	3.3	1,800	8,900	NL
4,4-DDT		2.9	3.3	1,700	7,900	NL
4,4-DDD		2.2	3.3	2,600	13,000	NL
Metals (mg/kg)						
Arsenic	3.57	9.14	13	16	16	3-12
Barium	70.4	211	350	350	400	15-600
Cadmium	0.201	<u>7.67</u>	2.5	2.5	4.3	0.1-1.0
Chromium	20.9	<u>71.4</u>	*1/30	*22/36	*110/180	1.5-40
Lead	23.3	<u>662</u>	63	400	400	4-61
Mercury	0.058	0.095	0.18	0.81	0.81	0.001-0.2
Seleunim	0.751	1.04	3.9	36	180	1,500

NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives, Table 375-6.8(a) (December 2006)

NYSDEC Part 375 Residential Use Soil Cleanup Objectives, Tables 375-6.8(b) (December 2006)

NYSDEC Part 375 Restricted-Residential Use Soil Cleanup Objectives, Tables 375-6.8(b) (December 2006)

NYSDEC Division Technical and Administrative Guidance Memorandum HWR-92-4060, Eastern US Background Concentrations for Soil

NL=Not listed

NA=Not applicable

Concentrations in gray exceed the Unrestricted Use SCOs

Concentrations in *italic* exceed the Residential Use SCOs

Concentrations in *red* exceed the Restricted-Residential Use SCOs

Concentrations that ate underlined exceed the Eastern US Background Concentrations

* = Chromium hexavalent/Chromium trivalent

Table 5
Former Military Road School
4185 Military Road, Niagara, Niagara County, New York
Phase II Investigation
Summary of Groundwater Analytical Results
(Detected Compounds Only)

Sample ID	MW-1	MW-2	MW-3	MW-4	Dup	NYSDEC TOGS
Sample Date	4/27/2016	4/27/2016	4/27/2016	4/27/2016	4/27/2016	
Volatile Organic Compounds (µg/L)						
Acetone	21.9			27.1	21.7	50
Benzene	1.5	0.9	0.9	1.5	1	1
Carbon Disulfide	2.3	0.64	0.64	2.7	1.7	NL
Ethylbenzene	0.26	0.2		0.48	0.36	5
Methylcyclohexane		1	1.2	0.42		NL
Methyl ethyl ketone (2-Butanone)	7.8			9.3	6.3	50
Naphthalene				0.51		10
Toluene	2.7	1.8	1.7	3.3	2.3	5
1,2,4-Trimethylbenzene	0.65	0.50	0.54	1.3	1.2	5
m/p-Xylenes	1.4	1.0	1.2	2.3	1.7	5
o-Xylene	0.58			0.94	0.71	5
Total TICs						NL
Total VOCs	39.09	6.04	6.18	49.85	36.97	NL
Semi-Volatile Organic Compounds (µg/L)						
Acetophenone	2.8				2.6	NL
Benzaldehyde	3.2				5.5	NL
Diethylphthalate	2.8					50
Total TICs	490.8	183.5	384.3	625.7	473.3	NL
Total SVOCs	499.6	183.5	384.3	625.7	481.4	NL
Metals (µg/L)						
Barium	4.89	20.5	34.4	5.68		1000
Cadmium	0.82			1.15	1.19	5
Chromium	2.98		1.3	1.13	1.66	50
Lead		6.06	7.62			25
Selenium	14.6	7.84	7.48	8.45	6.89	10

NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) (1.1.1), Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (June 1998)

NL=Not listed

No PCBs or Pesticides were detected in the groundwater samples analyzed

Concentrations in gray exceed NYSDEC TOGS

Table 6
Fomer Military Road School
4185 Military Road, Niagara, Niagara County, New York
Phase II Investigation
Summary of Soil Vapor Analytical Results
(Detected Compounds Only)

Sample ID	¹ OD1	¹ SS1	1D1	¹ SS2	ID2	¹ SS3	ID3
Location	Outdoor Air	Subslab Vapor	Indoor Air	Subslab Vapor	Indoor Air	Subslab Vapor	Indoor Air
Sample Date	4/21/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016
Volatile Organic Compounds (µg/m3)							
Dichlorodifluoromethane	1.58 J	1.29 J	1.88 J	1.93 J	1.88 J	1.58 J	1.83 J
Chloromethane	1.14	0.56 J	0.83 J		0.72 J	0.35 J	0.99 J
Trichlorofluoromethane	1.46 J	4.38	21.9	4.16	19.1	8.43 JD	25.3
Heptane	10.2 JD	23.8 D	1.27 J	23 D	0.41 J	7.38 JD	0.57 J
Carbon disulfide		2.37		4.67 JD		3.11	
Methylene Chloride						3.02 B	
Cyclohexane	7.92 JD	17.9 D	2.58	10.7 JD	1.86	7.23 JD	2.07
2-butanone	2.89	5.6 JD	0.53 J	2.57	0.35 J	1.65	0.74 J
Carbon tetrachloride	0.44	0.31	0.44	0.63	0.44	0.38	0.44
Benzene	15.3 JD	24.3	5.43	13.1 JD	3.19	16 D	3.51
Trichloroethene	0.32	1.56	0.27			0.32	
Toluene	92.7 D	266 D	15.40	40 D	7.16	79.9 D	8.29
Tetrachloroethene		0.41		1.29		0.27	
Ethyl benzene	6.08	12.2 JD		6.95		5.65	
m/p-xylene	9.56 JD	40.8 D		20.4 JD		13.9 JD	
o-xylene	6.52	13.5 JD		6.95		5.21	
Styrene	0.47 J	3.07				0.3 J	
1,3,5-Trimethylbenzene	1.08 J	4.38		1.67 J		1.03 J	
1,2,4-Trimethylbenzene	3.69	10.3 JD		4.92		3.74	
Naphthalene		0.84 J					
4-ethyltoluene	1.28 J	5.41		2.85		2.16 J	
Hexane	101 D	148 D	28.2	61 D	13.7	100 D	16.6
2,2,4-Trimethylpentane	20.6 JD	38.8	3.13	4.48	0.98 J	8.87 JD	1.17 J
1,2-Dichloropropane	0.55 J	2.26 J				0.51 J	
Methyl Methylcrylate		5.73					
1,1,1-Trichloroethane				0.44			
1,1,2-Trichlorotrifluoroethane						0.54 J	
Total VOC	269.14	633.77	81.86	211.71	49.79	271.53	61.51

J=The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.

B=The analyte was identified in the Field Blank as well as the sample report.

D=Compound identified in an analysis at a secondary dilution factor.

E=The analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.

Q=the LCS did not meet the control limit's requirements.

µg/m3 = micrograms per cubic meter

*Samples were diluted and re-analyzed due to high concentrations

Table 7
Remedial Cost Estimate
Track 1: Unrestricted Use
Former Military Road School
4185 Military Road, Niagara, Niagara County, New York

Item	Estimated Quantity	Unit Cost	Estimated Total
Brownfield Cleanup Program			
BCP Application	1 LS	\$7,000.00 /LS	\$7,000
Remedial Investigation Work Plan	1 LS	\$7,000.00 /LS	\$7,000
Remedial Investigation	1 LS	\$60,000.00 /LS	\$60,000
Remedial Alternatives Analysis	1 LS	\$7,000.00 /LS	\$7,000
Remedial Action Work Plan	1 LS	\$6,000.00 /LS	\$6,000
Remedial Oversight	1 LS	\$12,000.00 /LS	\$12,000
Environmental Easement	1 LS	\$9,000.00 /LS	\$9,000
Site Management Plan	1 LS	\$5,000.00 /LS	\$5,000
Final Engineering Report	1 LS	\$7,000.00 /LS	\$7,000
Brownfield Cleanup Program Subtotal:			\$120,000
Subsurface Soil Removal			
Contractor Mobilization/Demobilization	1 LS	\$5,000 /LS	\$5,000
Excavation of Fill ¹	10,551 tons	\$10 /ton	\$105,510
Transportation and Off-Site Disposal	10,551 tons	\$60 /ton	\$633,060
Confirmation Testing	1 LS	\$25,000 /LS	\$25,000
Importation, Placement & Compaction Exc. Backfill	9,107 tons	\$20 /ton	\$182,130
6" Imported Topsoil	1,445 CY	\$30 /CY	\$43,335
Environmental Monitoring	1 LS	\$10,000 /LS	\$10,000
Establish Field Mix Turf	1 acres	\$3,000 /acre	\$3,316
Subsurface Soil Removal Subtotal:			\$1,007,351
Subtotal:			\$1,127,351
Taxes (8%)			\$90,188
Estimated Total Cost			\$1,217,539

Notes/Assumptions:

- Excavation areas were assumed to be 15,700 SF proximate TP-14 to a depth of 5 ft bgs, 18,200 SF proximate TP-18 and TP-3 to a depth of 3 ft bgs, and 14,250 SF proximate SS-3 & SS-4 to a depth of 3 ft bgs
- All fill is non-hazardous
- Costs provided above are based on the information obtained to date from LaBella's Phase I and II ESAs and are for the preliminary feasibility evaluation of the site entering the BCP process. A formal BCP proposal can be provided by LaBella upon request.

Table 8
Remedial Cost Estimate
Track 4: Residential Use With Engineering Controls
Former Military Road School
4185 Military Road, Niagara, Niagara County, New York

Item	Estimated Quantity	Unit Cost	Estimated Total
Brownfield Cleanup Program			
BCP Application	1 LS	\$7,000.00 /LS	\$7,000
Remedial Investigation Work Plan	1 LS	\$7,000.00 /LS	\$7,000
Remedial Investigation	1 LS	\$60,000.00 /LS	\$60,000
Remedial Alternatives Analysis	1 LS	\$7,000.00 /LS	\$7,000
Remedial Action Work Plan	1 LS	\$6,000.00 /LS	\$6,000
Remedial Oversight	1 LS	\$12,000.00 /LS	\$12,000
Environmental Easement	1 LS	\$9,000.00 /LS	\$9,000
Site Management Plan	1 LS	\$5,000.00 /LS	\$5,000
Final Engineering Report	1 LS	\$7,000.00 /LS	\$7,000
<i>Brownfield Cleanup Program Subtotal:</i>			<u>\$120,000</u>
Soil Removal			
Contractor Mobilization/Demobilization	1 LS	\$5,000 /LS	\$5,000
Excavation of Fill ¹	5,778 tons	\$10 /ton	\$57,780
Transportation and Off-Site Disposal	5,778 tons	\$60 /ton	\$346,680
Confirmation Testing	1 LS	\$25,000 /LS	\$25,000
<i>Soil Removal Subtotal:</i>			<u>\$434,460</u>
Soil Cover System ⁽²⁾			
1.5' Part 375 Compliant Cover, Place & Compact ⁽¹⁾	2,675 CY	\$20 /CY	\$53,500
6" Imported Topsoil	892 CY	\$30 /CY	\$26,750
Establish Field Mix Turf	1.11 acres	\$3,000 /acre	\$3,316
Erosion Control	1 LS	\$20,000 /LS	\$20,000
<i>Soil Cover System Subtotal:</i>			<u>\$103,566</u>
Operation Maintenance & Monitoring (OM&M) Cost			
Annual Certification	10 Yrs	\$3,000 /Yr	\$30,000
<i>OM&M Subtotal:</i>			<u>\$30,000</u>
Subtotal:			\$688,026
Taxes (8%)			\$55,042
Estimated Total Cost			\$743,068

Notes/Assumptions:

- Excavation areas were assumed to be 15,700 SF proximate TP-14, 18,200 SF proximate TP-18 and TP-3, and 14,250 SF proximate SS-3 & SS-4 excavated 2 ft bgs.
- Assumed same are as excavation.
- Costs provided above are based on the information obtained to date from LaBella's Phase I and II ESAs and are for the preliminary feasibility evaluation of the site entering the BCP.
A formal BCP proposal can be provided by LaBella upon request.

APPENDIX 1

Field Logs

 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-1 SHEET 1 OF 1 JOB: 2160516 CHKD BY:		
CONTRACTOR: LaBella LLC OPERATOR: LABELLA REPRESENTATIVE: JLD TYPE OF EQUIPMENT: Track Mounted Excavator			TEST PIT LOCATION: GROUND SURFACE ELEVATION NA START DATE: 4/21/16 START TIME: 900			DATUM: NA END TIME:		
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
	0-2	0-1' 1-4' 4-6'	Asphalt surface, topsoil with organics Brown sandy clay (LP, MS, M) Brown silty clay (HP, HS, W)	0	5,200			
	2-4			0	5,100			
	4-6			0	5,200			
			Note: Pipe connected to the vent pipe ends and is cut off and crimped. Continued with TP-2 to make sure the fuel oil UST is not present. Sample TP-1D46 @ 9:00					

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER
ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

TEST PIT: TP-1

 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-2 SHEET 1 OF 1 JOB: 2160516 CHKD BY:		
CONTRACTOR: LaBella LLC OPERATOR: LABELLA REPRESENTATIVE: JLD TYPE OF EQUIPMENT: Track Mounted Excavator			TEST PIT LOCATION: GROUND SURFACE ELEVATION NA START DATE: 4/21/16 START TIME: 920			DATUM: NA END TIME:		
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
	0-2	0-6'	Asphalt surface, Fill material consisting of angular gravel, moist to wet Note: @ 6' hit rebar and crushed concrete typical at the bottom of a UST excavation No sample collected	0	4,100			
	2-4			0.1	5,100			
	4-6			0	5,200			
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER ND = Non Detect BGS = Below the Ground Surface NA = Not Applicable								
					TEST PIT: TP-2			

 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-3 SHEET 1 OF 1 JOB: 2160516 CHKD BY:		
CONTRACTOR: LaBella LLC OPERATOR: LABELLA REPRESENTATIVE: JLD TYPE OF EQUIPMENT: Track Mounted Excavator			TEST PIT LOCATION: GROUND SURFACE ELEVATION NA START DATE: 4/21/16 START TIME: 1030			DATUM: NA END TIME:		
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
	0-2	0-0.6' 0.6'-1' 1'-1.5' 1.5'-2' 2'-6'	Asphalt surface, Fill material consisting of angular gravel, moist Brown sandy clay (LP, MS M) Brown silt and fly ash fill material Brown silty clay (MP,MS, M) Brown silty clay (HP, HS, M) Sample @ TP-3D02 @ 1000	0.4	5,000			
	2-4			0.3	5,000			
	4-6			0.2	5,200			
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER ND = Non Detect BGS = Below the Ground Surface NA = Not Applicable								
					TEST PIT: TP-3			

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-4 SHEET1 OF 1 JOB:2160516 CHKD BY:		
CONTRACTOR: LaBella LLC			TEST PIT LOCATION:			DATUM: NA		
OPERATOR:			GROUND SURFACE ELEVATIONNA			END TIME:		
LABELLA REPRESENTATIVE: JLD			START DATE: 4/21/16			START TIME: 1030		
TYPE OF EQUIPMENT: Track Mounted Excavator								
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
	0-2	0-0.6' 0.6'-2' 2'-4' 4'-6'	Asphalt surface and subbase material Brown sandy clay (MP,MS, M) Brown silty clay w/ organics (HP,HM,M) Brownish red silty clay (HP, HM, M)	0.2	4,800			
	2-4			0.1	5,300			
	4-6			0.1	5,300			
			Note: Pipe dead-headed by suspect pump					
			No sample collected					
GENERAL NOTES								
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.								
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER								
ND = Non Detect								
BGS = Below the Ground Surface								
NA = Not Applicable					TEST PIT: TP-4			

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-5 SHEET 1 OF 1 JOB: 2160516 CHKD BY:		
CONTRACTOR: LaBella LLC			TEST PIT LOCATION:					
OPERATOR:			GROUND SURFACE ELEVATION NA					
LABELLA REPRESENTATIVE: JLD			START DATE: 4/21/16 START TIME: 1100					
TYPE OF EQUIPMENT: Track Mounted Excavator			DATUM: NA					
END TIME:								
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
	0-2	0-0.5' 0.5'-1.5' 1.5'-4' 4'-6'	Asphalt surface and subbase material Fill material consisting of gravel and cinder Brown silty clay (HP,HS, M) Brownish red silty clay (HP,HS, M)	0.1	5,200			
	2-4			0.2	4,800			
	4-6			0.1	5,200			
			Sample TP-5D24 @ 1100					
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER ND = Non Detect BGS = Below the Ground Surface NA = Not Applicable TEST PIT: TP-5								

 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-6 SHEET 1 OF 1 JOB: 2160516 CHKD BY:		
CONTRACTOR: LaBella LLC OPERATOR: LABELLA REPRESENTATIVE: JLD TYPE OF EQUIPMENT: Track Mounted Excavator			TEST PIT LOCATION: GROUND SURFACE ELEVATION NA START DATE: 4/21/16 1300			DATUM: NA END TIME:		
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)			RAD (CPM)			
	0-2	0-1'	Grass-covered surface and topsoil Brown silty clay(MP,MS,M) Brown mottled clay (HP,HS,M) Brown silty clay (MP,MS,M) Brownish red silty sand (LP,LS,M)	0.9	5,200	No staining or odors		
		1'-3'		0.6	4,600			
		3'-4'						
		4'-5'						
		5'-6'						
	2-4		Note: At the bottom of 6', we hit some large rocks (assume we are close to bedrock) Sample TP-6D02 @ 1300 Sample SS1 @ 1300 Dup collected from SS1 - TOC 1400	0.2	4,800	No staining or odors		
4-6			0	5,100	No staining or odors			
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER ND = Non Detect BGS = Below the Ground Surface NA = Not Applicable								
						TEST PIT: TP-6		



PROJECT
Former Military Road School
4185 Military Road, Town of Niagara, New York
For: Niagara County Department of Economic Development

TEST PIT: TP-7

SHEET 1 OF 1

JOB: 2160516

CHKD BY:

CONTRACTOR: LaBella LLC
OPERATOR:
LABELLA REPRESENTATIVE: JLD
TYPE OF EQUIPMENT: Track Mounted Excavator

TEST PIT LOCATION:	
GROUND SURFACE ELEVATION	NA
START DATE: 4/21/16	1400

DATUM: NA
END TIME:

[illegible]

GENERAL NOTES

- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER
- ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

TEST PIT: TP-7

 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-8 SHEET 1 OF 1 JOB: 2160516 CHKD BY:		
CONTRACTOR: LaBella LLC OPERATOR: LABELLA REPRESENTATIVE: JLD TYPE OF EQUIPMENT: Track Mounted Excavator			TEST PIT LOCATION: GROUND SURFACE ELEVATION NA START DATE: 4/21/16 1415			DATUM: NA END TIME:		
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)			RAD (CPM)			
	0-2	0-0.6' 0.6'-6'	Grass-covered surface and dark brown topsoil Brownish red clay (HP,HS,M)	0.1 0.2	5,300 5,400	No staining or odors		
	2-4			0.1	5,200	No staining or odors		
	4-6			0.1	5,500	No staining or odors		

Note: Cobble rocks at the bottom of excavation
Sample TP-8D46 @ 1430
Sample SS2 @ 1415

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

TEST PIT: **TP-8**



Former Military Road School

For: Niagara County Department of Economic Development

SHEET 1 OF 1

CHKD BY:

END TIME:

TEST PIT: TP-9

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-10 SHEET1 OF 1 JOB:2160516 CHKD BY:		
CONTRACTOR: LaBella LLC			TEST PIT LOCATION:					
OPERATOR:			GROUND SURFACE ELEVATIONNA					
LABELLA REPRESENTATIVE: JLD			START DATE: 4/22/16730					
TYPE OF EQUIPMENT: Track Mounted Excavator			END TIME:					
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
	0-2	0-0.6' 0.6'-1' 1'-6'	Grass-covered surface and dark brown topsoil Finely crushed fill material (brick, angular gravel) Brownish red silty clay (HP,MS,M)	0.4 0.1	5,800 5,800	No staining or odors		
	2-4			0.1	6,200	No staining or odors		
	4-6			0.3	5,500	No staining or odors		
			Sample TP-10D46 @740 Sample SS3 @ 730					

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

ND = Non Detect

BGS = Below the Ground Surface

NA = Not Applicable

TEST PIT: TP-10

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-11 SHEET1 OF 1 JOB:2160516 CHKD BY:		
CONTRACTOR: LaBella LLC OPERATOR: LABELLA REPRESENTATIVE: JLD TYPE OF EQUIPMENT: Track Mounted Excavator			TEST PIT LOCATION: GROUND SURFACE ELEVATIONNA START DATE: 4/22/16745 DATUM:NA END TIME:					
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
	0-2	0-0.6' 0.6'-1' 1'-5.5' 5.5'-6'	Grass-covered surface and dark brown topsoil Fill material (large pieces of brick, metal and angular stone) Brownish red silty clay (MP,MS,M) Brownish red silty sand (LP, LS,M)	0.2 0.6	5,300 5,400	No staining or odors		
	2-4			0.7	6,400	No staining or odors		
	4-6			0.3	5,400	No staining or odors		
			Sample TP-11D24 @750 Sample SS4 @745					

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

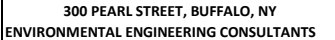
ND = Non Detect

BGS = Below the Ground Surface

NA = Not Applicable

TEST PIT: TP-11

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-12 SHEET1 OF 1 JOB:2160516 CHKD BY:		
CONTRACTOR: LaBella LLC			TEST PIT LOCATION:					
OPERATOR:			GROUND SURFACE ELEVATIONNA					
LABELLA REPRESENTATIVE: JLD			START DATE: 4/22/16800					
TYPE OF EQUIPMENT: Track Mounted Excavator			END TIME:					
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
	0-2	0-0.6' 0.6'-6'	Grass-covered surface and dark brown topsoil Brownish red silty clay (MP,MS, M)	0.3 0.5	5,300 5,800	No staining or odors		
	2-4			0.1	5,700		No staining or odors	
	4-6			0.3	5,600		No staining or odors	
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER ND = Non Detect BGS = Below the Ground Surface NA = Not Applicable								
					TEST PIT: TP-12			



Former Military Road School

4185 Military Road, Town of Niagara, New York

For: Niagara County Department of Economic Development

SHEET 1 OF 1

JOB: 2160516

CHKD BY:

END TIME:

[illegible]

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

TEST PIT: TP-13

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-14 SHEET1 OF 1 JOB:2160516 CHKD BY:		
CONTRACTOR: LaBella LLC			TEST PIT LOCATION:					
OPERATOR:			GROUND SURFACE ELEVATION NA					
LABELLA REPRESENTATIVE: JLD			START DATE: 4/22/16 1045					
TYPE OF EQUIPMENT: Track Mounted Excavator			END TIME:					
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
	0-2	0-0.6' 0.6'-2' 2'-5' 5'-5.1'	Grass-covered surface and brown topsoil Brown silty clay w/ round gravel (LP,LS, M) Blue/gray cinder material Brown silty clay w/ round gravel (LP,LS, W)	0.3 0.2	5,400 5,100	No staining or odors		
	2-4			0.2	5,400	No staining or odors		
	4-6			0.2	5,500	No staining or odors		
			Note: At just past 5', we hit round gravel. We were not comfortable going further as the nature of the blue/gray fill material was unknown.					
			Sample TP-14D0.52 @1050					
			Sample SS6 @ 1045					

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

ND = Non Detect

BGS = Below the Ground Surface

NA = Not Applicable

TEST PIT: TP-14

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-15 SHEET1 OF 1 JOB:2160516 CHKD BY:		
CONTRACTOR: LaBella LLC			TEST PIT LOCATION:					
OPERATOR:			GROUND SURFACE ELEVATIONNA					
LABELLA REPRESENTATIVE: JLD			START DATE: 4/22/161130					
TYPE OF EQUIPMENT: Track Mounted Excavator			END TIME:					
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
	0-2	0-0.6' 0.6'-2' 2'-6'	Grass-covered surface and brown topsoil Brownish red silty clay (MP,LS, M) Brownish red silty clay (HP,HS,M)	0.34 0.3	5,400 5,700	No staining or odors		
	2-4			0.4	5,200	No staining or odors		
	4-6			0.2	5,560	No staining or odors		

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

ND = Non Detect

BGS = Below the Ground Surface

NA = Not Applicable

TEST PIT:

TP-15

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-16 SHEET1 OF 1 JOB: 2160516 CHKD BY:		
CONTRACTOR: LaBella LLC			TEST PIT LOCATION:					
OPERATOR:			GROUND SURFACE ELEVATION NA					
LABELLA REPRESENTATIVE: JLD			START DATE: 4/22/16 1145					
TYPE OF EQUIPMENT: Track Mounted Excavator			END TIME:					
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
	0-2	0-0.6' 0.6'-6'	Grass-covered surface and brown topsoil Brownish red silty clay (MP,MS, M)	0.1 0.2	5,400 5,900	No staining or odors		
	2-4			0.3	5,900	No staining or odors		
	4-6			0.2	6,200	No staining or odors		

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER

ND = Non Detect

BGS = Below the Ground Surface

NA = Not Applicable

TEST PIT:

TP-16

 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-17 SHEET 1 OF 1 JOB: 2160516 CHKD BY:		
CONTRACTOR: LaBella LLC OPERATOR: LABELLA REPRESENTATIVE: JLD TYPE OF EQUIPMENT: Track Mounted Excavator			TEST PIT LOCATION: GROUND SURFACE ELEVATION NA START DATE: 4/22/16 1230			DATUM: NA END TIME:		
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)			RAD (CPM)			
	0-2	0-0.6' 0.6'-1' 1'-6'	Asphalt surface and subbase material Fill material (rock, concrete and brick) Brownish red silty clay (HP,HS, M)	0.2 0.3	7,600 5,800	No staining or odors		
	2-4			0.2	6,200	No staining or odors		
	4-6			0.3	5,600	No staining or odors		

GENERAL NOTES

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER
ND = Non Detect
BGS = Below the Ground Surface
NA = Not Applicable

TEST PIT: TP-17

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-18 SHEET1 OF 1 JOB:2160516 CHKD BY:		
CONTRACTOR: LaBella LLC			TEST PIT LOCATION:					
OPERATOR:			GROUND SURFACE ELEVATION NA					
LABELLA REPRESENTATIVE: JLD			START DATE: 4/22/16 1330					
TYPE OF EQUIPMENT: Track Mounted Excavator			END TIME:					
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
	0-2	0-0.6' 0.6'-1' 1'-6'	Asphalt surface and subbase material Fill material (rock, concrete and brick) Brownish red silty clay (MP, MS, M)	0.2 0.4	13,000 16,000	No staining or odors		
	2-4			0.6	10,000	No staining or odors		
	4-6			0	10,000	No staining or odors		
			Sample TP-18D24 @1340 Sample SS7 @ 1330					
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER ND = Non Detect BGS = Below the Ground Surface NA = Not Applicable TEST PIT: TP-18								

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NY ENVIRONMENTAL ENGINEERING CONSULTANTS			PROJECT Former Military Road School 4185 Military Road, Town of Niagara, New York For: Niagara County Department of Economic Development			TEST PIT: TP-19 SHEET1 OF 1 JOB:2160516 CHKD BY:		
CONTRACTOR: LaBella LLC			TEST PIT LOCATION:					
OPERATOR:			GROUND SURFACE ELEVATIONNA					
LABELLA REPRESENTATIVE: JLD			START DATE: 4/22/161400					
TYPE OF EQUIPMENT: Track Mounted Excavator			END TIME:					
DEPTH (FEET)	SAMPLE		VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	REMARKS			
	SAMPLE NO. AND DEPTH	STRATA CHANGE (FEET)						
	0-2	0-0.6' 0.6'-1' 1'-6'	Asphalt surface and subbase material Fill material (rock, concrete and brick) Brownish red silty clay (MP, MS, M)	0.2 0.4	11,000 10,000	No staining or odors		
	2-4			0.5	10,700	No staining or odors		
	4-6			0.2	11,000	No staining or odors		
GENERAL NOTES 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL. 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER ND = Non Detect BGS = Below the Ground Surface NA = Not Applicable TEST PIT: TP-19								

LABELLA

Associates, D.P.C.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING
CONSULTANTS

PROJECT

Military Road School
4185 Military Road, Town of Niagara New York
PHASE II INVESTIGATION

BORING: B-1
SHEET 1 OF
JOB: 214917
CHKD BY: 216516

CONTRACTOR:
DRILLER: *Labella LLC*
LABELLA REPRESENTATIVE: JLD

BORING LOCATION:
GROUND SURFACE ELEVATION
START DATE: 4/24/16 END DATE: 4/24/16

TIME: 830 TO 1100
DATUM:

TYPE OF EQUIPMENT: Direct Push Probe
AUGER SIZE AND TYPE: 2 IN
OVERBURDEN SAMPLING METHOD:
DRIVE SAMPLER TYPE:
INSIDE DIAMETER:
OTHER:

DEPTH	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	NOTES
	BLOW COUNT	SAMPLE RECOVERY	STRATA CHANGE			
2		Surface	0-0.6'	Grass-covered surface Brown topsoil	0.0	surface LAD
			0.6-2'	Brown silty clay (MP, MS, W)	0.1	NO orders 11,000
4				w/ trace round gravel	0.0 @ 3'	or staining 11,000
			2'-8'	Brown silty clay (MP, MS, W)	0.0 @ 4'	11,000
6			8'-13'	Brownish Red silty clay (MP, LP, W)	0.0 @ 5'	11,500
			13'-15'	Brownish Red silty clay (LP, LS, Sat).	0.0 @ 7'	10,000
8					0.0 @ 8'	11,000
10					0.0 @ 9'	10,000
					0.0 @ 10'	11,000
12						
14					0.0 @ 13'	10,000
16				Refusal @ 15.3'	0.0 @ 15'	10,000
18						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES:
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	
						NA = Not Applicable ND = Non Detect
						* HW-1 here 5' Screen 15.3 Borehole

GENERAL NOTES

Auger hit refusal @ about 13' - checked how much water was in 1 1/4" line tried to get down further & we were successful

1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.

2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCURE DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

BORING: B-1

Lat: 43° 7' 28.49 W
Long: 79° 0' 22.2 W

LABELLA

Associates, D.P.C.

300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING
CONSULTANTS

PROJECT

Military Road School
4185 Military Road, Town of Niagara New York
PHASE II INVESTIGATION

BORING: **B-2**
SHEET 1 OF
JOB: **244917**
CHKD BY: **216516**

CONTRACTOR:

DRILLER:

LABELLA REPRESENTATIVE:

JLD

BORING LOCATION:

GROUND SURFACE ELEVATION

START DATE: **4/24/16** END DATE: **4/24/16**

TIME: **1130 TO 1300**

DATUM:

TYPE OF EQUIPMENT:

Direct Push Probe

DRIVE SAMPLER TYPE:

AUGER SIZE AND TYPE:

2 IN

INSIDE DIAMETER:

OVERBURDEN SAMPLING METHOD:

OTHER:

DEPTH	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	NOTES
	BLOW COUNT	SAMPLE RECOVERY	STRATA CHANGE			
		Surface	0-0.1'	Ashart-paved surface		2AD
2			0.1-1'	Subbase material	0.0 @ 1'	MS staining 6,000
4			1'-6'	Brownish Red Silty clay (MP, MS, W).	0.0 @ 3'	6,000
6			6'-7'	Brownish Red Silty clay (MP, MS, W).	0.0 @ 6'	6,400
8			7'-11'	Brownish Red Silty clay (LP, LS, W) w/ trace gravel	0.0 @ 8'	6,000
10					0.0 @ 9'	6,000
12				Hit refusal @ 11.3'		
14						
16						
18						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	
						*MW-2 here NA = Not Applicable - Tried to drill past 11.3' for 15 minutes. Auger not moving. ND = Non Detect - used depth 10' 5' of screen

GENERAL NOTES

- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
- 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCURE DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

BORING: **B-2**

Lat 43° 7' 26.00" N Long 79° 0' 2.10" W
- Got rods stuck together pretty good - had to use excavator to get them apart



300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING
CONSULTANTS

PROJECT

Military Road School
4185 Military Road, Town of Niagara New York
PHASE II INVESTIGATION

BORING: **B-3**
SHEET 1 OF
JOB: 214947
CHKD BY: 216516

CONTRACTOR:

DRILLER:

LABELLA REPRESENTATIVE:

JLD

BORING LOCATION:

GROUND SURFACE ELEVATION

START DATE: 4/24/16

END DATE: 4/24/16

TIME: 1350 TO 1630

DATUM:

TYPE OF EQUIPMENT:

Direct Push Probe

DRIVE SAMPLER TYPE:

AUGER SIZE AND TYPE:

2 IN

INSIDE DIAMETER:

OVERBURDEN SAMPLING METHOD:

OTHER:

no odors
or staining

DEPTH	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	NOTES
	BLOW COUNT	SAMPLE RECOVERY	STRATA CHANGE			
2		Surface	0-0.1'	Grass-covered surface	0.0@1'	9,000
			0.1'-0.6'	Brown topsoil	0.0@2'	8,600
			0.6'-3'	Brownish red silty clay (MP, MS, M).	0.0@3'	9,000
4			3'-6'	Brownish red silty clay (LP, LS, W).	0.0@4'	8,300
6					0.0@5'	8,600
8			6'-14'	Brownish red silty clay (MP, MS, W) w/ trace gravel.	0.0@6'	9,000
10					0.0@8'	8,600
12					0.0@10'	8,800
14				Hit refusal @ 14'	0.0@13'	9,000
16						
18						
20						

WATER LEVEL DATA			DEPTH (FT)			NOTES
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED	
						MW-3 here 5' Screen well depth 13.8

GENERAL NOTES

- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
- 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCURE DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

BORING: **B-3**

Lat 43° 7' 26.37" N
Long 79° 0' 1.4" W



300 PEARL STREET, BUFFALO, NY
ENVIRONMENTAL ENGINEERING
CONSULTANTS

PROJECT

Military Road School
4185 Military Road, Town of Niagara New York
PHASE II INVESTIGATION

BORING: B-4
SHEET 1 OF
JOB: 214317
CHKD BY: 216516

CONTRACTOR:

DRILLER:

LABELLA REPRESENTATIVE:

JLD

BORING LOCATION:

GROUND SURFACE ELEVATION

START DATE: 4/24/16

END DATE: 4/24/16

TIME: 1630 TO

DATUM:

TYPE OF EQUIPMENT:

Direct Push Probe

DRIVE SAMPLER TYPE:

AUGER SIZE AND TYPE:

2 IN

INSIDE DIAMETER:

OVERBURDEN SAMPLING METHOD:

OTHER:

DEPTH	SAMPLE			VISUAL CLASSIFICATION	PID FIELD SCREEN (PPM)	NOTES
	BLOW COUNT	SAMPLE RECOVERY	STRATA CHANGE			
2		surface	0-0.1'	grass-covered surface	0.0@1'	7,800
			0.1-0.6'	Brown Topsoil	0.0@2'	8,000
4			0.6-8'	Brownish Red Silty clay (HP, MS, W)	0.0@4'	7,400
6			8'-10'	Brownish Red Silty clay (HP, MS, W)	0.0@8'	9,000
8					0.0@10'	8,600
10				Set well @ 10'. only had one more riser left and would have had to go down at least 14'. water appears to be around 6-8' so this should be sufficient		
12						
14						
16						
18						
20						

WATER LEVEL DATA			DEPTH (FT)		
DATE	TIME	ELAPSED TIME	BOTTOM OF CASING	BOTTOM OF BORING	GROUNDWATER ENCOUNTERED

NOTES:

MW-4

NA = Not Applicable

ND = Non Detect

5' screen

well to 10'

GENERAL NOTES

- 1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL.
- 2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCURE DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE

BORING:

B-4

Lat - 43° 7' 28.18" N

Long - 79° 0' 0.96" W

300 Pearl Street
Buffalo, New York 14202
Telephone: (716) 551-6281
Facsimile: (716) 551-6282

GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW-1

Project Name: Military Road School
Location: 4185 Military Road, Town of Niagara, New York
Project No.: 2160516
Sampled By: Jessica Dombrowski
Date: 4/27/2016
Weather: 45° F, sunny

PURGE VOLUME CALCULATION

Well Diameter: 2" **Static Water Level:** 4.23 **Ft. bgs** 10.72
Depth of Well: 14.95 **Ft.** **One Well Volume:** 1.7 **Gallons**

PURGE AND SAMPLING METHOD

☐ **Bailer – Type:** _____ ☒ **Pump – Type:** peristaltic pump
Sampling Device: _____ **Pump Rate:** _____

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	ORP/Eh	Water Level	Comments
Initial	--	6.4	9.9	0.472	7.3	29.2		clear
930	0.5	7.06	12.1	0.954	14.2	-58.1		" "
950	1.0	7.02	14.1	0.447	12.1	-58.6		" "
1010	1.5	7.02	12.2	0.453	12.1	-59.5		" "
1020	2.0	6.71	11.7	1.120	232.0	-82.9		Turbid - switched out
1030	5.0	6.34	13.7	1.028	16.3	-55.2		clear
1040	5.5	6.36	11.5	1.068	15.5	-57.6		" "
1050	6.0	6.33	11.7	1.074	16.1	-59.2		" "
SAMPLE		6.32	11.4	1.089	15.2	-60.4		clear

Total 6.0 **Gallons Purged**

Purge Time Start: 930 **Purge Time End:** 1100

WELL SAMPLING

Sample I.D.: 1115-1 **Sample Time:** 1115
No. of Containers: 15 **Sample Preservation:** _____
Sampled For: ☒ TCL VOCs - 8260 ☒ TCL Pesticides ☐ PCBs
☒ TCL SVOCs - 8270 ☒ TAL Metals ☐ Other: _____
pesticides + TCLs nickel

OBSERVATIONS

Notes: Well was installed in Boring #BH-

MS/MSD here

Recharge Behavior: ☒ Fast ☐ Moderate ☐ Slow ☐ Purged Dry

300 Pearl Street
Buffalo, New York 14202
Telephone: (716) 551-6281
Facsimile: (716) 551-6282

WELL I.D.: MW- 2

Project Name: Military Road School
Location: 4185 Military Road, Town of Niagara, New York
Project No.: 2160516
Sampled By: Jessica Dombrowski
Date: 4/ 27 /2016
Weather: 48° F, sunny

PURGE VOLUME CALCULATION

Well Diameter: 2" Static Water Level: 16.97 Ft. bgs 3.91
Depth of Well: 10.88 Ft. One Well Volume: 0.63 Gallons

PURGE AND SAMPLING METHOD

☐ Bailer – Type: _____
Sampling Device: _____
☒ Pump – Type: Peristaltic pump
Pump Rate: _____

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	ORP/Eh	Water Level	Comments
Initial	–	11.0	12.1	2.24	9.00	109.5	–	Very Turbid
1200	0.3	6.44	11.5	1.78	110.32	-48.5	–	Turbid
1210	0.6	6.73	10.7	1.531	43.8	-50.0	–	" "
1215	0.8	6.95	11.2	1.401	78.6	10.9	–	" "
1220	1.0	6.91	11.1	1.53	108.6	9.6	–	" "
1230	1.2	6.86	11.2	1.332	33.4	-21.6	–	clear
1240	1.5	7.00	10.8	1.373	24.8	-30.3	–	" "
SAMPLE	–	7.00	10.7	1.867	25.2	-27.3	–	" "

Total _____ Gallons Purged

Purge Time Start: 1145 Purge Time End: 1245

WELL SAMPLING

Sample I.D.: MW-2 Sample Time: 1250
No. of Containers: 5 Sample Preservation: _____
Sampled For: ☒ TCL VOCs - 8260 + TLCS ☒ TCL Pesticides ☐ PCBs
☒ TCL SVOCs - 8270 + TLCS ☒ TAL Metals ☐ Other: _____

OBSERVATIONS

Notes: Well was installed in Boring #BH-

Recharge Behavior: ☐ Fast ☐ Moderate ☒ Slow ☐ Purged Dry

GROUNDWATER COLLECTION AND SAMPLE LOG

300 Pearl Street
Buffalo, New York 14202
Telephone: (716) 551-6281
Facsimile: (716) 551-6282

WELL I.D.: MW- 3

Project Name: Military Road School
Location: 4185 Military Road, Town of Niagara, New York
Project No.: 2160516
Sampled By: Jessica Dombrowski
Date: 4/27/2016
Weather: 40° F, Sunny

PURGE VOLUME CALCULATION

Well Diameter: 2" Static Water Level: 16.95 Ft. bgs 6.13
Depth of Well: 13.58 Ft. One Well Volume: 1.1 Gallons

PURGE AND SAMPLING METHOD

☐ Bailer - Type: _____
Sampling Device: _____
☒ Pump - Type: Peristaltic pump
Pump Rate: _____

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	ORP/Eh	Water Level	Comments
Initial	-	6.96	12.2	1.165	442	-105.6	-	Turbid
1350	0.5	6.71	10.3	1.346	1685	-32	-	"
1400	0.8	6.57	10.2	1.835	330.5	-21.4	-	"
1415	1.5	7.20	10.6	1.187	242.8	-41.8	-	"
1420	1.7	7.21	10.8	0.994	53.4	28.16	-	Clear
1425	1.8	7.18	10.2	0.982	42.3	22.1	-	"
1430	2.0	7.34	10.7	0.975	41.1	15.4	-	"
SAMPLE	-	7.36	10.9	0.988	40.8	16.8	-	"

Total 2.0 Gallons Purged

Purge Time Start: 1340 Purge Time End: 1500

WELL SAMPLING

Sample I.D.: MW-3 Sample Time: 1500
No. of Containers: _____ Sample Preservation: _____
Sampled For: ☒ TCL VOCs - 8260 +CP-VOCs +TICS ☒ TCL Pesticides ☐ PCBs
☒ TCL SVOCs - 8270 +TICS ☒ TAL Metals ☐ Other: _____

OBSERVATIONS

Notes: Well was installed in Boring #BH-

Recharge Behavior: ☐ Fast ☐ Moderate ☐ Slow ☐ Purged Dry



300 Pearl Street
Buffalo, New York 14202
Telephone: (716) 551-6281
Facsimile: (716) 551-6282

GROUNDWATER COLLECTION AND SAMPLE LOG

WELL I.D.: MW- 4

Project Name: Military Road School
Location: 4185 Military Road, Town of Niagara, New York
Project No.: 2160516
Sampled By: Jessica Dombrowski
Date: 4/ 27 /2016
Weather: 45° F, Sunny

PURGE VOLUME CALCULATION

Well Diameter: 2" Static Water Level: 2.31 Ft. bgs 7.9
Depth of Well: 10.21 Ft. One Well Volume: 1.24 Gallons

PURGE AND SAMPLING METHOD

☐ Bailer - Type: _____
Sampling Device: _____
☒ Pump - Type: Peristaltic pump
Pump Rate: _____

FIELD PARAMETER MEASUREMENT

Time	Gallons Purged	pH	Temp (°C)	Conductivity (mS/cm)	Turbidity (NTU)	ORP/Eh	Water Level	Comments
Initial	--	6.14	13.1	1.946	28.2	52.0	-	Clear
11002	0.3	6.52	11.1	1.174	16.7	8.7	-	" "
11015	1.5	6.70	11.3	1.421	16.3	-44.7	-	" "
11025	5.0	6.10	11.5	1.388	6.9	19.3	-	" "
11050	5.1	6.14	11.9	1.401	6.1	-43.2	-	" "
SAMPLE	6.0	10.02	11.3	1.389	6.4	-42.4	-	" "

Total 6.0 Gallons Purged

Purge Time Start: 1850 Purge Time End: 11030

WELL SAMPLING

Sample I.D.: MW- 4 Sample Time: 11030
No. of Containers: _____ Sample Preservation: _____

Sampled For: ☒ TCL VOCs - 8260
☒ TCL SVOCs - 8270

☒ TCL Pesticides
☒ TCL Metals

☐ PCBs
☐ Other: _____

OBSERVATIONS

Notes: Well was installed in Boring #BH-

B-4

Dup here - to c 1600

Recharge Behavior: ☐ Fast ☐ Moderate ☐ Slow ☐ Purged Dry

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II Environmental Site Assessment Former Military Road School 4185 Military Road, Niagara, New York	Well ID: MW-1/B1 SHEET 1 OF 1 JOB # 2160516 CHKD. BY:																									
	CONTRACTOR: LaBella LLC DRILLER: Matt LABELLA REPRESENTATIVE: Jessica Dombrowski																										
BORING LOCATION: B1 GROUND SURFACE ELEVATION: START DATE: 4/24/2016		DATUM: Top of Riser END DATE: 4/24/2016																									
TYPE OF DRILL RIG: AUGER SIZE AND TYPE: 4 1/2-Inch Hollow Stem Auger OVERBURDEN SAMPLING METHOD: Split Spoon ROCK DRILLING METHOD: N/A		<table border="1"><thead><tr><th colspan="5">WATER LEVEL DATA</th></tr><tr><th>DATE</th><th>TIME</th><th>WATER</th><th>CASING</th><th>REMARKS</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>	WATER LEVEL DATA					DATE	TIME	WATER	CASING	REMARKS															
WATER LEVEL DATA																											
DATE	TIME	WATER	CASING	REMARKS																							

NA-Not Applicable

Hole Diameter 4.5"

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II Environmental Site Assessment Former Military Road School 4185 Military Road, Niagara, New York	Well ID: MW-2/B2 SHEET 1 OF 1 JOB # 2160516 CHKD. BY:																									
	CONTRACTOR: LaBella LLC DRILLER: Matt LABELLA REPRESENTATIVE: Jessica Dombrowski																										
BORING LOCATION: B-2 GROUND SURFACE ELEVATION: START DATE: 4/24/2016		DATUM: Top of Riser END DATE: 4/24/2016																									
TYPE OF DRILL RIG: AUGER SIZE AND TYPE: 4 1/2-Inch Hollow Stem Auger OVERBURDEN SAMPLING METHOD: Split Spoon ROCK DRILLING METHOD: N/A		<table><tr><th colspan="5">WATER LEVEL DATA</th></tr><tr><th>DATE</th><th>TIME</th><th>WATER</th><th>CASING</th><th>REMARKS</th></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>	WATER LEVEL DATA					DATE	TIME	WATER	CASING	REMARKS															
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DATE	TIME	WATER	CASING	REMARKS																							

Surface Completion
Stick Up

Well Casing Type
SCH 40 PVC

Grout Type
N/A

11.3' Total Depth

1.0' Bentonite Seal Length

6' Filter Pack Length

Screen Slot Size
0.01"

Filter Pack Type
Silica Sand

Casting Diameter
2"

Casing Length
NA

5' Screen Length

Hole Diameter
4.5"

NA-Not Applicable

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II Environmental Site Assessment Former Military Road School 4185 Military Road, Niagara, New York	Well ID: MW-3/B3 SHEET 1 OF 1 JOB # 2160516 CHKD. BY:																									
	CONTRACTOR: LaBella LLC DRILLER: Matt LABELLA REPRESENTATIVE: Jessica Dombrowski																										
BORING LOCATION: B-3 GROUND SURFACE ELEVATION: START DATE: 4/24/2016		DATUM: Top of Riser END DATE: 4/24/2016																									
TYPE OF DRILL RIG: AUGER SIZE AND TYPE: 4 1/2-Inch Hollow Stem Auger OVERBURDEN SAMPLING METHOD: Split Spoon ROCK DRILLING METHOD: N/A		<table border="1"><thead><tr><th colspan="5">WATER LEVEL DATA</th></tr><tr><th>DATE</th><th>TIME</th><th>WATER</th><th>CASING</th><th>REMARKS</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table>	WATER LEVEL DATA					DATE	TIME	WATER	CASING	REMARKS															
WATER LEVEL DATA																											
DATE	TIME	WATER	CASING	REMARKS																							

The diagram illustrates a vertical borehole with various components and measurements. On the left, a vertical line indicates the total depth of 14 feet. Key features include a 'Surface Completion' labeled 'Stick Up', a 'Well Casing Type' of 'SCH 40 PVC' with a 'Casting Diameter' of '2"', and a 'Grout Type' of 'N/A'. A 'Bentonite Seal' with a length of '1.0'' is shown, with a 'Seal Type' of 'Bentonite'. Below the seal is a 'Filter Pack' with a length of '6'' and a 'Filter Pack Type' of 'Silica Sand'. The 'Screen Slot Size' is '0.01"', and the 'Screen Length' is '5''. The 'Hole Diameter' is '4.5\"

NA-Not Applicable

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

LABELLA Associates, D.P.C. 300 PEARL STREET, BUFFALO, NEW YORK ENVIRONMENTAL ENGINEERING CONSULTANTS	PROJECT Phase II Environmental Site Assessment Former Military Road School 4185 Military Road, Niagara, New York	Well ID: MW-4/B4 SHEET 1 OF 1 JOB # 2160516 CHKD. BY:																									
	CONTRACTOR: LaBella LLC DRILLER: Matt LABELLA REPRESENTATIVE: Jessica Dombrowski																										
BORING LOCATION: B-4 GROUND SURFACE ELEVATION: START DATE: 4/24/2016		DATUM: Top of Riser END DATE: 4/24/2016																									
TYPE OF DRILL RIG: AUGER SIZE AND TYPE: 4 1/2-Inch Hollow Stem Auger OVERBURDEN SAMPLING METHOD: Split Spoon ROCK DRILLING METHOD: N/A		<table><tr><th colspan="5">WATER LEVEL DATA</th></tr><tr><th>DATE</th><th>TIME</th><th>WATER</th><th>CASING</th><th>REMARKS</th></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>	WATER LEVEL DATA					DATE	TIME	WATER	CASING	REMARKS															
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Surface Completion
Stick Up

Well Casing Type
SCH 40 PVC

Grout Type
N/A

10' Total Depth

1.0' Bentonite Seal Length

6' Filter Pack Length

Screen Slot Size
0.01"

Filter Pack Type
Silica Sand

Casting Diameter
2"

Casing Length
NA

5' Screen Length

Hole Diameter
4.5"

NA-Not Applicable

GENERAL NOTES:
1) STRATIFICATION LINES REPRESENT APPROXIMATE BOUNDARY BETWEEN SOIL TYPES, TRANSITIONS MAY BE GRADUAL
2) WATER LEVEL READINGS HAVE BEEN MADE AT TIMES AND UNDER CONDITIONS STATED, FLUCTUATIONS OF GROUNDWATER MAY OCCUR DUE TO OTHER FACTORS THAN THOSE PRESENT AT THE TIME MEASUREMENTS WERE MADE.

Sample ID	SS1	ID1	SS2	ID2	SS3	ID3	OD1
Location	East portion of the basement	Proximate SS1	South portion of the Site Building	Proximate SS2	West portion of the Site Building	Proximate SS3	East portion of the Site near fence
Date	4/21/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016	4/21/2016
Canister Number	10285	10155	10294	10409	10279	10289	10280
Regulator Number	10225	10571	10220	10622	10714	10643	10562
PID Reading (PPM)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Start Time	1040	1040	1115	1115	1130	1130	1145
Reading (Hg-Inches of Mercury)	30Hg	30Hg	30Hg	28Hg	30Hg	30Hg	28Hg
End Time	1340	1500	1515	1530	1540	1550	1600
Reading	0Hg	5Hg	3Hg	5Hg	5Hg	27Hg	4Hg

-Date: 4/21/2016

-Temperature: 65 ° F

-Barometric Pressure: 29.81

-Relative Humidity: 77%

APPENDIX 2

Laboratory Reports

ANALYTICAL RESULTS SUMMARY

METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : 4185 MILITARY ROAD, NIAGARA, NY

LABELLA ASSOCIATES P.C.

300 State Street

Suite 201

Rochester, NY - 14614

Phone No: 585-295-6253

ORDER ID : H2720

ATTENTION : Adam Zebrowski



DoD ELAP

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sampl ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
TP-3D02	H2720-01	8260C	8270D				Chemtech -SOP
TP-1D46	H2720-02	8260C	8270D				Chemtech -SOP
TP-5D24	H2720-03	8260C	8270D				Chemtech -SOP
TRIPBLANK	H2720-04	8260C	8270D				Chemtech -SOP
SS1	H2720-05	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
SS2	H2720-06	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
SS3	H2720-07	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
SS4	H2720-08	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
SS5	H2720-09	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
SS6	H2720-12	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
SS7	H2720-13	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
DUP	H2720-14	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
TP-6D02	H2720-15	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
TP-8D46	H2720-16	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
TP-10D46	H2720-17	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
TP-11D24	H2720-18	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
TP-13D24	H2720-19	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
TP-14D02	H2720-20	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
TP-18D24	H2720-21	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIa

SAMPLE PREPARATION AND ANALYSIS SUMMARY SEMIVOLATILE (BNA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
H2720-05	SOIL	04/21/16	04/25/16	04/28/16	05/07/16
H2720-06	SOIL	04/21/16	04/25/16	04/28/16	05/08/16
H2720-07	SOIL	04/22/16	04/25/16	04/28/16	05/08/16
H2720-08	SOIL	04/22/16	04/25/16	04/28/16	05/08/16
H2720-09	SOIL	04/22/16	04/25/16	04/28/16	05/01/16
H2720-12	SOIL	04/22/16	04/25/16	04/28/16	05/08/16
H2720-13	SOIL	04/22/16	04/25/16	04/28/16	05/08/16
H2720-14	SOIL	04/21/16	04/25/16	04/28/16	05/05/16
H2720-15	SOIL	04/21/16	04/25/16	04/28/16	05/06/16
H2720-16	SOIL	04/21/16	04/25/16	04/28/16	05/01/16
H2720-17	SOIL	04/22/16	04/25/16	04/28/16	05/01/16
H2720-18	SOIL	04/22/16	04/25/16	04/28/16	05/01/16
H2720-19	SOIL	04/22/16	04/25/16	04/28/16	05/01/16
H2720-20	SOIL	04/22/16	04/25/16	04/28/16	05/08/16
H2720-21	SOIL	04/22/16	04/25/16	04/28/16	05/06/16

* Details For Test : SVOCMS Group1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY VOLATILE (VOA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
H2720-04	Water	04/22/16	04/25/16		05/03/16
H2720-05	SOIL	04/21/16	04/25/16		05/01/16
H2720-06	SOIL	04/21/16	04/25/16		05/02/16
H2720-07	SOIL	04/22/16	04/25/16		05/01/16
H2720-08	SOIL	04/22/16	04/25/16		05/02/16
H2720-09	SOIL	04/22/16	04/25/16		05/02/16
H2720-12	SOIL	04/22/16	04/25/16		05/01/16
H2720-13	SOIL	04/22/16	04/25/16		05/02/16
H2720-14	SOIL	04/21/16	04/25/16		05/02/16
H2720-15	SOIL	04/21/16	04/25/16		05/02/16
H2720-16	SOIL	04/21/16	04/25/16		05/01/16
H2720-17	SOIL	04/22/16	04/25/16		05/01/16
H2720-18	SOIL	04/22/16	04/25/16		05/02/16
H2720-19	SOIL	04/22/16	04/25/16		05/02/16
H2720-20	SOIL	04/22/16	04/25/16		05/02/16
H2720-21	SOIL	04/22/16	04/25/16		05/02/16

* Details For Test : VOCMS Group1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIc

SAMPLE PREPARATION AND ANALYSIS SUMMARY PESTICIDE/PCB ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
H2720-05	SOIL	04/21/16	04/25/16	04/28/16	04/28/16
H2720-06	SOIL	04/21/16	04/25/16	04/28/16	04/28/16
H2720-07	SOIL	04/22/16	04/25/16	04/28/16	04/28/16
H2720-08	SOIL	04/22/16	04/25/16	04/28/16	04/28/16
H2720-09	SOIL	04/22/16	04/25/16	04/28/16	04/28/16
H2720-12	SOIL	04/22/16	04/25/16	04/28/16	04/28/16
H2720-13	SOIL	04/22/16	04/25/16	04/28/16	04/29/16
H2720-14	SOIL	04/21/16	04/25/16	04/28/16	04/29/16
H2720-15	SOIL	04/21/16	04/25/16	04/28/16	04/29/16
H2720-16	SOIL	04/21/16	04/25/16	04/28/16	04/29/16
H2720-17	SOIL	04/22/16	04/25/16	04/28/16	04/29/16
H2720-18	SOIL	04/22/16	04/25/16	04/28/16	04/29/16
H2720-19	SOIL	04/22/16	04/25/16	04/28/16	04/29/16
H2720-20	SOIL	04/22/16	04/25/16	04/28/16	04/29/16
H2720-21	SOIL	04/22/16	04/25/16	04/28/16	04/29/16

* Details For Test : Pesticide-TCL

SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
H2720-01	Solid	8260C	5035		
H2720-02	Solid	8260C	5035		
H2720-03	Solid	8260C	5035		
H2720-04	Water	8260C	5030		
H2720-05	Solid	8260C	5035		
H2720-06	Solid	8260C	5035		
H2720-07	Solid	8260C	5035		
H2720-08	Solid	8260C	5035		
H2720-09	Solid	8260C	5035		
H2720-10	Solid	8260C	5035		
H2720-11	Solid	8260C	5035		
H2720-12	Solid	8260C	5035		
H2720-13	Solid	8260C	5035		
H2720-14	Solid	8260C	5035		
H2720-15	Solid	8260C	5035		
H2720-16	Solid	8260C	5035		
H2720-17	Solid	8260C	5035		
H2720-18	Solid	8260C	5035		
H2720-19	Solid	8260C	5035		
H2720-20	Solid	8260C	5035		
H2720-21	Solid	8260C	5035		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
H2720-05	SOIL	Mercury	04/25/16	04/27/16	04/27/16
H2720-06	SOIL	Mercury	04/25/16	04/27/16	04/27/16
H2720-07	SOIL	Mercury	04/25/16	04/27/16	04/27/16
H2720-08	SOIL	Mercury	04/25/16	04/27/16	04/27/16
H2720-09	SOIL	Mercury	04/25/16	04/27/16	04/27/16
H2720-12	SOIL	Mercury	04/25/16	04/27/16	04/27/16
H2720-13	SOIL	Mercury	04/25/16	04/27/16	04/27/16
H2720-14	SOIL	Mercury	04/25/16	04/27/16	04/27/16
H2720-15	SOIL	Mercury	04/25/16	04/27/16	04/27/16
H2720-16	SOIL	Mercury	04/25/16	04/27/16	04/27/16
H2720-17	SOIL	Mercury	04/25/16	04/27/16	04/27/16
H2720-18	SOIL	Mercury	04/25/16	04/27/16	04/27/16
H2720-19	SOIL	Mercury	04/25/16	04/27/16	04/27/16
H2720-20	SOIL	Mercury	04/25/16	04/27/16	04/27/16
H2720-21	SOIL	Mercury	04/25/16	04/27/16	04/27/16

* Details For Test : Mercury

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL
CONSERVATION

FORM S-IIa

SAMPLE PREPARATION AND ANALYSIS SUMMARY
SEMIVOLATILE (BNA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
H2720-01	SOIL	04/21/16	04/25/16	04/28/16	05/08/16
H2720-02	SOIL	04/21/16	04/25/16	04/28/16	05/01/16
H2720-03	SOIL	04/21/16	04/25/16	04/28/16	05/01/16

* Details For Test :SVOCMS Group2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL
CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE (VOA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
H2720-01	SOIL	04/21/16	04/25/16		04/29/16
H2720-02	SOIL	04/21/16	04/25/16		04/28/16
H2720-03	SOIL	04/21/16	04/25/16		04/28/16

* Details For Test :VOCMS Group2

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL
CONSERVATION**

FORM S-III

**SAMPLE PREPARATION AND ANALYSIS SUMMARY
MISCELLANEOUS ORGANIC ANALYSES**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
H2720-01	Solid	8270D			
H2720-02	Solid	8270D			
H2720-03	Solid	8270D			
H2720-05	Solid	8270D	3541		
H2720-06	Solid	8270D	3541		
H2720-07	Solid	8270D	3541		
H2720-08	Solid	8270D	3541		
H2720-09	Solid	8270D	3541		
H2720-10	Solid	8270D	3541		
H2720-11	Solid	8270D	3541		
H2720-12	Solid	8270D	3541		
H2720-13	Solid	8270D	3541		
H2720-14	Solid	8270D	3541		
H2720-15	Solid	8270D	3541		
H2720-16	Solid	8270D	3541		
H2720-17	Solid	8270D	3541		
H2720-18	Solid	8270D	3541		
H2720-19	Solid	8270D	3541		
H2720-20	Solid	8270D	3541		
H2720-21	Solid	8270D	3541		

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL
CONSERVATION**

FORM S-IV

**SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES**

Laboratory Sample ID	Matrix	Metals Requested	Date Rec'd at Lab	Date Digested	Date Analyzed
H2720-05	SOIL	Metals ICP- RCRA	04/25/16	04/27/16	04/28/16
H2720-06	SOIL	Metals ICP- RCRA	04/25/16	04/27/16	04/28/16
H2720-07	SOIL	Metals ICP- RCRA	04/25/16	04/27/16	04/28/16
H2720-08	SOIL	Metals ICP- RCRA	04/25/16	04/27/16	04/28/16
H2720-09	SOIL	Metals ICP- RCRA	04/25/16	04/27/16	04/28/16
H2720-12	SOIL	Metals ICP- RCRA	04/25/16	04/27/16	04/28/16
H2720-13	SOIL	Metals ICP- RCRA	04/25/16	04/27/16	04/28/16
H2720-14	SOIL	Metals ICP- RCRA	04/25/16	04/27/16	04/28/16
H2720-15	SOIL	Metals ICP- RCRA	04/25/16	04/27/16	04/28/16
H2720-16	SOIL	Metals ICP- RCRA	04/25/16	04/27/16	04/28/16
H2720-17	SOIL	Metals ICP- RCRA	04/25/16	04/27/16	04/28/16
H2720-18	SOIL	Metals ICP- RCRA	04/25/16	04/27/16	04/28/16
H2720-19	SOIL	Metals ICP- RCRA	04/25/16	04/27/16	04/28/16
H2720-20	SOIL	Metals ICP- RCRA	04/25/16	04/27/16	04/28/16
H2720-21	SOIL	Metals ICP- RCRA	04/25/16	04/27/16	04/28/16

* Details For Test :Metals ICP-RCRA

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL
CONSERVATION**

FORM S-III

**SAMPLE PREPARATION AND ANALYSIS SUMMARY
MISCELLANEOUS ORGANIC ANALYSES**

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
H2720-05	Solid	8081B	3541		
H2720-06	Solid	8081B	3541		
H2720-07	Solid	8081B	3541		
H2720-08	Solid	8081B	3541		
H2720-09	Solid	8081B	3541		
H2720-10	Solid	8081B	3541		
H2720-11	Solid	8081B	3541		
H2720-12	Solid	8081B	3541		
H2720-13	Solid	8081B	3541		
H2720-14	Solid	8081B	3541		
H2720-15	Solid	8081B	3541		
H2720-16	Solid	8081B	3541		
H2720-17	Solid	8081B	3541		
H2720-18	Solid	8081B	3541		
H2720-19	Solid	8081B	3541		
H2720-20	Solid	8081B	3541		
H2720-21	Solid	8081B	3541		

Cover Page

Order ID : H2720**Project ID :** 4185 Military Road, Niagara, NY**Client :** LaBella Associates P.C.**Lab Sample Number**

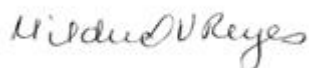
H2720-01
H2720-02
H2720-03
H2720-04
H2720-05
H2720-06
H2720-07
H2720-08
H2720-09
H2720-10
H2720-11
H2720-12
H2720-13
H2720-14
H2720-15
H2720-16
H2720-17
H2720-18
H2720-19
H2720-20
H2720-21

Client Sample Number

TP-3D02
TP-1D46
TP-5D24
TRIPBLANK
SS1
SS2
SS3
SS4
SS5
H2720-09MS
H2720-09MSD
SS6
SS7
DUP
TP-6D02
TP-8D46
TP-10D46
TP-11D24
TP-13D24
TP-14D02
TP-18D24

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : —

**APPROVED**

Date: 5/10/2016

By Mildred V Reyes, QAQC Supervisor at 4:44 pm, May 10, 2016

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 4185 Military Road, Niagara, NY

Project # N/A

Chemtech Project # H2720

Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:

20 Solid samples were received on 04/25/2016.

1 Water sample was received on 04/25/2016.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, Pesticide-TCL, SVOCMS Group1, SVOCMS Group2, VOCMS Group1 and VOCMS Group2. This data package contains results for VOCMS Group1.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_F were done using GC column RTX-VMS, which is 20 meters, 0.18 mm id, 1.0 um df, Restek Cat. #49914. The Trap was supplied by Supelco, VOCARB 3000, Tekmar 2000 Concentrator. The analysis of VOCMS Group1 was based on method 8260C.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements except for SS2, SS6.

The Retention Times were acceptable for all samples.

The MS {H2720-10MS} with File ID: VF047930.D recoveries met the requirements for all compounds except for 2-Hexanone[57%], Acetone[39%] .

The MSD {H2720-11MSD} with File ID: VF047931.D recoveries met the acceptable requirements except for Methyl Acetate[249%] .

The RPD for {H2720-11MSD} with File ID: VF047931.D recoveries met criteria except for 1,2-Dibromo-3-Chloropropane[31%], 2-Butanone[22%], 2-Hexanone[22%], Acetone[37%] and Methyl Acetate[34%] .

The Blank Spike met requirements for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 15% in the Initial Calibration (Method 82N050316W.M) for Chloromethane, Cyclohexane, these compounds are passing on Linear Regression.

The Continuous Calibration File ID VF047921.D met the requirements except for Acetone but it was not detected any samples. The Continuous Calibration File ID VF047944.D met the requirements except for 1,1,2-Trichlorotrifluoroethane, 1,1,1-Trichloroethane, Methylcyclohexane, t-1,3-Dichloropropene, cis-1,3-Dichloropropene, 1,2-Dichloroethane-d4, Toluene-d8 and 4-Bromofluorobenzene .

The Tuning criteria met requirements.

E. Additional Comments:

Sample # SS6 run two times, Second time in sequence VF050216 but not purge well and first time in sequence VF050116 where internal Standard fail, but as this sample received as a Terra Core and only two vial was available. There is no vial for further analysis. First analysis was reported as final run in H /C.

Sample # SS2 run two times, first time in sequence VF050116 but not purge well and second time in sequence VF050216 where internal Standard fail, as this sample received as a Terra Core and only two vial was available. There is no vial for further analysis so second analysis was reported as final run in H /C.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 4:44 pm, May 10, 2016

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 4185 Military Road, Niagara, NY

Project # N/A

Chemtech Project # H2720

Test Name: VOCMS Group2

A. Number of Samples and Date of Receipt:

20 Solid samples were received on 04/25/2016.

1 Water sample was received on 04/25/2016.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, Pesticide-TCL, SVOCMS Group1, SVOCMS Group2, VOCMS Group1 and VOCMS Group2. This data package contains results for VOCMS Group2.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_F were done using GC column RTX-VMS, which is 20 meters, 0.18 mm id, 1.0 um df, Restek Cat. #49914. The Trap was supplied by Supelco, VOCARB 3000, Tekmar 2000 Concentrator. The analysis of VOCMS Group2 was based on method 8260C.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements except for TP-5D24, TP-5D24RE.

The Retention Times were acceptable for all samples.

The MSD recoveries met the acceptable requirements .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

E. Additional Comments:

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 4:44 pm, May 10, 2016

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 4185 Military Road, Niagara, NY

Project # N/A

Chemtech Project # H2720

Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:

20 Solid samples were received on 04/25/2016.

1 Water sample was received on 04/25/2016.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, Pesticide-TCL, SVOCMS Group1, SVOCMS Group2, VOCMS Group1 and VOCMS Group2. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column RTX-5 which is 20 meters, 0.18 mm ID, 0.36 um dfThe analysis of SVOCMS Group1 was based on method 8270D and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for DUP [2-Fluorophenol - 26%].

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD for {H2720-11MSD} with File ID: BF086548.D recoveries met criteria except for 2,4-Dinitrophenol[33%] .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 15% in the Initial Calibration (Method 8270-BF042716.M) for 2,4-Dinitrophenol, this compound is passing on Linear regression while 2-Fluorobiphenyl, this compound is passing on Quadratic regression .

The %RSD is greater than 15% in the Initial Calibration (Method 8270-BF050416.M) for Hexachlorocyclopentadiene, Pentachlorophenol , Benzidine these compounds are passing on Linear regression while 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol these compounds are passing on Quadratic regression .

The Continuous Calibration File ID BF086513.D met the requirements except for Indeno(1,2,3-cd)pyrene but it was not detected in any samples .The Continuous Calibration File ID BF086538.D met the requirements except for Indeno(1,2,3-cd)pyrene

but it was not detected in any samples .The Continuous Calibration File ID BF086707.D met the requirements except for 4,6-Dinitro-2-methylphenol and Benzo(g,h,i)perylene but it was not detected in any samples .The Continuous Calibration File ID BF086752.D met the requirements except for bisBis(2-ethylhexyl)phthalate , Di-n-octyl phthalate,Hexachlorocyclopentadiene,2,4-Dinitrophenol,4,6-Dinitro-2-methylphenol and Pentachlorophenol but they were not detected in any samples .The Continuous Calibration File ID BF086799.D met the requirements except for Di-n-octyl phthalate,Benzo(k)fluoranthene,2,4-Dinitrophenol,4,6-Dinitro-2-methylphenol and Bis(2-ethylhexyl)phthalate .

Benzo(k)fluoranthene is failing marginally for CCAL File ID BF086799.D so no corrective action taken for affected samples .

The Tuning criteria met requirements.
Samples SS7 was diluted due to bad matrix.

E. Additional Comments:

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 4:44 pm, May 10, 2016

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 4185 Military Road, Niagara, NY

Project # N/A

Chemtech Project # H2720

Test Name: SVOCMS Group2

A. Number of Samples and Date of Receipt:

20 Solid samples were received on 04/25/2016.

1 Water sample was received on 04/25/2016.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, Pesticide-TCL, SVOCMS Group1, SVOCMS Group2, VOCMS Group1 and VOCMS Group2. This data package contains results for SVOCMS Group2.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column RTX-5 which is 20 meters, 0.18 mm ID, 0.36 um dfThe analysis of SVOCMS Group2 was based on method 8270D and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 15% in the Initial Calibration (Method 8270-BF042716.M) for 2-Fluorobiphenyl this compound is passing on Quadratic regression.

The Continuous Calibration File ID BF086513.D met the requirements except for Indeno(1,2,3-cd)pyrene .

The Continuous Calibration File ID BF086538.D met the requirements except for Indeno(1,2,3-cd)pyrene .

The Continuous Calibration File ID BF086799.D met the requirements except for Benzo(k)fluoranthene .

The Tuning criteria met requirements.

E. Additional Comments:

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 4:44 pm, May 10, 2016

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 4185 Military Road, Niagara, NY

Project # N/A

Chemtech Project # H2720

Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:

20 Solid samples were received on 04/25/2016.

1 Water sample was received on 04/25/2016.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, Pesticide-TCL, SVOCMS Group1, SVOCMS Group2, VOCMS Group1 and VOCMS Group2. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:

The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df,; Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11. The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration File ID PL017583.D met the requirements except for Methoxychlor is failing in 1st column but passing in 2nd column.

The Continuous Calibration File ID PL017571.D met the requirements except for Methoxychlor is failing in 1st column but passing in 2nd column.

E. Additional Comments:

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 4:44 pm, May 10, 2016

CASE NARRATIVE**LaBella Associates P.C.****Project Name: 4185 Military Road, Niagara, NY****Project # N/A****Chemtech Project # H2720****Test Name: Mercury, Metals ICP-RCRA****A. Number of Samples and Date of Receipt:**

20 Solid samples were received on 04/25/2016.

1 Water sample was received on 04/25/2016.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, Pesticide-TCL, SVOCMS Group1, SVOCMS Group2, VOCMS Group1 and VOCMS Group2. This data package contains results for Mercury, Metals ICP-RCRA.

C. Analytical Techniques:

The analysis of Metals ICP-RCRA was based on method 6010C, digestion based on method 3050 (soils). The analysis of Mercury was based on method 7471A and digestion was based on method 7471B (soils).

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike (SS5MS) analysis met criteria for all samples except for Arsenic, Chromium, Selenium, Silver.

The Matrix Spike Duplicate (SS5MSD) analysis met criteria for all samples except for Selenium, Silver.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution (SS5L) met criteria for all samples except for Barium, Chromium.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____**APPROVED**

By Mildred V Reyes, QAQC Supervisor at 4:43 pm, May 10, 2016

LAB CHRONICLE

OrderID:	H2720	OrderDate:	4/25/2016 1:46:32 PM
Client:	LaBella Associates P.C.	Project:	4185 Military Road, Niagara, NY
Contact:	Adam Zebrowski	Location:	O23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2720-01	TP-3D02	SOIL	VOCMS Group2	8260C	04/21/16		04/29/16	04/25/16
H2720-02	TP-1D46	SOIL	VOCMS Group2	8260C	04/21/16		04/28/16	04/25/16
H2720-03	TP-5D24	SOIL	VOCMS Group2	8260C	04/21/16		04/28/16	04/25/16
H2720-03RE	TP-5D24RE	SOIL	VOCMS Group2	8260C	04/21/16		04/29/16	04/25/16
H2720-04	TB	Water	VOCMS Group1	8260C	04/22/16		05/03/16	04/25/16
H2720-05	SS1	SOIL	VOCMS Group1	8260C	04/21/16		05/01/16	04/25/16
H2720-06	SS2	SOIL	VOCMS Group1	8260C	04/21/16		05/02/16	04/25/16
H2720-07	SS3	SOIL	VOCMS Group1	8260C	04/22/16		05/01/16	04/25/16
H2720-08	SS4	SOIL	VOCMS Group1	8260C	04/22/16		05/02/16	04/25/16
H2720-09	SS5	SOIL	VOCMS Group1	8260C	04/22/16		05/02/16	04/25/16
H2720-12	SS6	SOIL	VOCMS Group1	8260C	04/22/16		05/01/16	04/25/16
H2720-13	SS7	SOIL	VOCMS Group1	8260C	04/22/16		05/02/16	04/25/16

LAB CHRONICLE

H2720-14	DUP	SOIL			04/21/16		04/25/16
			VOCMS Group1	8260C		05/02/16	
H2720-15	TP-6D02	SOIL			04/21/16		04/25/16
			VOCMS Group1	8260C		05/02/16	
H2720-16	TP-8D46	SOIL			04/21/16		04/25/16
			VOCMS Group1	8260C		05/01/16	
H2720-17	TP-10D46	SOIL			04/22/16		04/25/16
			VOCMS Group1	8260C		05/01/16	
H2720-18	TP-11D24	SOIL			04/22/16		04/25/16
			VOCMS Group1	8260C		05/02/16	
H2720-19	TP-13D24	SOIL			04/22/16		04/25/16
			VOCMS Group1	8260C		05/02/16	
H2720-20	TP-14D02	SOIL			04/22/16		04/25/16
			VOCMS Group1	8260C		05/02/16	
H2720-21	TP-18D24	SOIL			04/22/16		04/25/16
			VOCMS Group1	8260C		05/02/16	

Hit Summary Sheet SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	SS1								
H2720-05	SS1	SOIL	m/p-Xylenes	1.40	J	0.73	1	10.2	ug/Kg
H2720-05	SS1	SOIL	o-Xylene	1.30	J	0.51	0.51	5.1	ug/Kg
			Total Voc :	2.7					
			Total Concentration:	2.7					
Client ID:	SS2								
H2720-06	SS2	SOIL	m/p-Xylenes	2.80	J	0.93	1.3	12.9	ug/Kg
			Total Voc :	2.8					
H2720-06	SS2	SOIL	1,2,4-Trimethylbenzene	* 1.90	J	0.65		6.5	ug/Kg
H2720-06	SS2	SOIL	Naphthalene	* 3.30	J	0.58		6.5	ug/Kg
			Total Tics :	5.2					
			Total Concentration:	8					
Client ID:	SS6								
H2720-12	SS6	SOIL	Naphthalene	* 1.50	J	0.54		5.9	ug/Kg
			Total Tics :	1.5					
			Total Concentration:	1.5					
Client ID:	SS7								
H2720-13	SS7	SOIL	Acetone	25.70	J	2.9	2.9	28.6	ug/Kg
H2720-13	SS7	SOIL	Methyl Acetate	7.70		1.1	1.1	5.7	ug/Kg
H2720-13	SS7	SOIL	2-Butanone	5.50	J	3.6	8.6	28.6	ug/Kg
H2720-13	SS7	SOIL	Toluene	2.30	J	0.57	0.57	5.7	ug/Kg
			Total Voc :	41.2					
			Total Concentration:	41.2					
Client ID:	DUP								
H2720-14	DUP	SOIL	m/p-Xylenes	2.60	J	0.8	1.1	11.1	ug/Kg
H2720-14	DUP	SOIL	o-Xylene	2.30	J	0.56	0.56	5.6	ug/Kg
			Total Voc :	4.9					
			Total Concentration:	4.9					
Client ID:	TP-6D02								
H2720-15	TP-6D02	SOIL	Acetone	85.20		2.1	2.1	21	ug/Kg
H2720-15	TP-6D02	SOIL	2-Butanone	5.40	J	2.6	6.3	21	ug/Kg
H2720-15	TP-6D02	SOIL	Toluene	1.10	J	0.42	0.42	4.2	ug/Kg
H2720-15	TP-6D02	SOIL	m/p-Xylenes	1.90	J	0.6	0.84	8.4	ug/Kg
H2720-15	TP-6D02	SOIL	o-Xylene	0.91	J	0.42	0.42	4.2	ug/Kg
			Total Voc :	94.51					
H2720-15	TP-6D02	SOIL	Hexanal	* 110.00	J	0		0	ug/Kg
H2720-15	TP-6D02	SOIL	Pentanal	* 20.20	J	0		0	ug/Kg
H2720-15	TP-6D02	SOIL	Heptanal	* 13.10	J	0		0	ug/Kg
H2720-15	TP-6D02	SOIL	Butanal	* 5.20	J	0		0	ug/Kg
H2720-15	TP-6D02	SOIL	Octanal	* 6.50	J	0		0	ug/Kg

Hit Summary Sheet SW-846

SDG No.: H2720
Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
H2720-15	TP-6D02	SOIL	Nonanal	* 4.20	J	0		0	ug/Kg
H2720-15	TP-6D02	SOIL	2-Butanone, 3-methyl-	* 6.70	J	0		0	ug/Kg
H2720-15	TP-6D02	SOIL	D-Limonene	* 24.70	J	0		0	ug/Kg
H2720-15	TP-6D02	SOIL	p-Isopropyltoluene	* 1.30	J	0.24		4.2	ug/Kg
Total Tics :				191.9					
Total Concentration:				286.41					
Client ID:	TP-8D46								
H2720-16	TP-8D46	SOIL	Methylcyclohexane	5.90		0.47	0.47	4.7	ug/Kg
H2720-16	TP-8D46	SOIL	Benzene	2.90	J	0.36	0.47	4.7	ug/Kg
H2720-16	TP-8D46	SOIL	Toluene	5.90		0.47	0.47	4.7	ug/Kg
H2720-16	TP-8D46	SOIL	Ethyl Benzene	1.10	J	0.47	0.47	4.7	ug/Kg
H2720-16	TP-8D46	SOIL	m/p-Xylenes	4.80	J	0.68	0.95	9.5	ug/Kg
H2720-16	TP-8D46	SOIL	o-Xylene	1.80	J	0.47	0.47	4.7	ug/Kg
Total Voc :				22.4					
H2720-16	TP-8D46	SOIL	1,3,5-Trimethylbenzene	* 1.10	J	0.43		4.7	ug/Kg
H2720-16	TP-8D46	SOIL	1,2,4-Trimethylbenzene	* 3.30	J	0.47		4.7	ug/Kg
Total Tics :				4.4					
Total Concentration:				26.8					
Client ID:	TP-10D46								
H2720-17	TP-10D46	SOIL	Methylcyclohexane	0.93	J	0.44	0.44	4.4	ug/Kg
Total Voc :				0.93					
Total Concentration:				0.93					
Client ID:	TP-11D24								
H2720-18	TP-11D24	SOIL	Acetone	28.20		2.3	2.3	23.1	ug/Kg
Total Voc :				28.2					
H2720-18	TP-11D24	SOIL	Hexanal	* 24.60	J	0		0	ug/Kg
H2720-18	TP-11D24	SOIL	Heptanal	* 4.70	J	0		0	ug/Kg
Total Tics :				29.3					
Total Concentration:				57.5					
Client ID:	TP-13D24								
H2720-19	TP-13D24	SOIL	Methylcyclohexane	1.10	J	0.46	0.46	4.6	ug/Kg
H2720-19	TP-13D24	SOIL	Benzene	1.60	J	0.35	0.46	4.6	ug/Kg
H2720-19	TP-13D24	SOIL	Toluene	1.70	J	0.46	0.46	4.6	ug/Kg
H2720-19	TP-13D24	SOIL	m/p-Xylenes	1.20	J	0.67	0.93	9.3	ug/Kg
Total Voc :				5.6					
Total Concentration:				5.6					
Client ID:	TP-14D02								
H2720-20	TP-14D02	SOIL	Acetone	26.00		2.5	2.5	24.5	ug/Kg
H2720-20	TP-14D02	SOIL	2-Butanone	3.60	J	3	7.4	24.5	ug/Kg
H2720-20	TP-14D02	SOIL	Methylcyclohexane	3.90	J	0.49	0.49	4.9	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: H2720
Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
H2720-20	TP-14D02	SOIL	Benzene	1.60	J	0.37	0.49	4.9	ug/Kg
H2720-20	TP-14D02	SOIL	Toluene	2.50	J	0.49	0.49	4.9	ug/Kg
H2720-20	TP-14D02	SOIL	m/p-Xylenes	2.30	J	0.71	0.98	9.8	ug/Kg
			Total Voc :	39.9					
H2720-20	TP-14D02	SOIL	1,2,4-Trimethylbenzene	* 1.50	J	0.49		4.9	ug/Kg
			Total Tics :	1.5					
			Total Concentration:	41.4					
Client ID:	TP-18D24								
H2720-21	TP-18D24	SOIL	Acetone	66.10		2.7	2.7	27.5	ug/Kg
H2720-21	TP-18D24	SOIL	2-Butanone	10.00	J	3.4	8.2	27.5	ug/Kg
			Total Voc :	76.1					
			Total Concentration:	76.1					

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TB	SDG No.:	H2720
Lab Sample ID:	H2720-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032471.D	1		05/03/16 16:16	VN050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	25	U	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	5	U	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	25	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TB	SDG No.:	H2720
Lab Sample ID:	H2720-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032471.D	1		05/03/16 16:16	VN050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	10	U	0.95	1	10	ug/L
95-47-6	o-Xylene	5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	42.1		61 - 141		84%	SPK: 50
1868-53-7	Dibromofluoromethane	46.8		69 - 133		94%	SPK: 50
2037-26-5	Toluene-d8	48.8		65 - 126		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.6		58 - 135		85%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	500218	7.75				
540-36-3	1,4-Difluorobenzene	855152	8.68				
3114-55-4	Chlorobenzene-d5	702591	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	244403	13.47				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TB	SDG No.:	H2720
Lab Sample ID:	H2720-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032471.D	1		05/03/16 16:16	VN050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS1	SDG No.:	H2720
Lab Sample ID:	H2720-05	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	19.8
Sample Wt/Vol:	6.11 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047925.D	1		05/01/16 14:25	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	5.1	U	0.51	0.51	5.1	ug/Kg
74-87-3	Chloromethane	5.1	U	0.51	0.51	5.1	ug/Kg
75-01-4	Vinyl Chloride	5.1	U	0.51	0.51	5.1	ug/Kg
74-83-9	Bromomethane	5.1	U	1	1	5.1	ug/Kg
75-00-3	Chloroethane	5.1	U	0.51	0.51	5.1	ug/Kg
75-69-4	Trichlorofluoromethane	5.1	U	0.51	0.51	5.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5.1	U	0.51	0.51	5.1	ug/Kg
75-35-4	1,1-Dichloroethene	5.1	U	0.51	0.51	5.1	ug/Kg
67-64-1	Acetone	25.5	U	2.6	2.6	25.5	ug/Kg
75-15-0	Carbon Disulfide	5.1	U	0.51	0.51	5.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5.1	U	0.51	0.51	5.1	ug/Kg
79-20-9	Methyl Acetate	5.1	U	1	1	5.1	ug/Kg
75-09-2	Methylene Chloride	5.1	U	0.51	0.51	5.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5.1	U	0.51	0.51	5.1	ug/Kg
75-34-3	1,1-Dichloroethane	5.1	U	0.51	0.51	5.1	ug/Kg
110-82-7	Cyclohexane	5.1	U	0.51	0.51	5.1	ug/Kg
78-93-3	2-Butanone	25.5	U	3.2	7.7	25.5	ug/Kg
56-23-5	Carbon Tetrachloride	5.1	U	0.51	0.51	5.1	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5.1	U	0.51	0.51	5.1	ug/Kg
74-97-5	Bromochloromethane	5.1	U	0.51	0.51	5.1	ug/Kg
67-66-3	Chloroform	5.1	U	0.51	0.51	5.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	5.1	U	0.51	0.51	5.1	ug/Kg
108-87-2	Methylcyclohexane	5.1	U	0.51	0.51	5.1	ug/Kg
71-43-2	Benzene	5.1	U	0.39	0.51	5.1	ug/Kg
107-06-2	1,2-Dichloroethane	5.1	U	0.51	0.51	5.1	ug/Kg
79-01-6	Trichloroethene	5.1	U	0.51	0.51	5.1	ug/Kg
78-87-5	1,2-Dichloropropane	5.1	U	0.27	0.51	5.1	ug/Kg
75-27-4	Bromodichloromethane	5.1	U	0.51	0.51	5.1	ug/Kg
108-10-1	4-Methyl-2-Pentanone	25.5	U	2.6	2.6	25.5	ug/Kg
108-88-3	Toluene	5.1	U	0.51	0.51	5.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5.1	U	0.51	0.51	5.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5.1	U	0.51	0.51	5.1	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS1	SDG No.:	H2720
Lab Sample ID:	H2720-05	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	19.8
Sample Wt/Vol:	6.11 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047925.D	1		05/01/16 14:25	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	5.1	U	0.92	1	5.1	ug/Kg
591-78-6	2-Hexanone	25.5	U	2.6	2.6	25.5	ug/Kg
124-48-1	Dibromochloromethane	5.1	U	0.51	0.51	5.1	ug/Kg
106-93-4	1,2-Dibromoethane	5.1	U	0.51	0.51	5.1	ug/Kg
127-18-4	Tetrachloroethene	5.1	U	0.51	0.51	5.1	ug/Kg
108-90-7	Chlorobenzene	5.1	U	0.51	0.51	5.1	ug/Kg
100-41-4	Ethyl Benzene	5.1	U	0.51	0.51	5.1	ug/Kg
179601-23-1	m/p-Xylenes	1.4	J	0.73	1	10.2	ug/Kg
95-47-6	o-Xylene	1.3	J	0.51	0.51	5.1	ug/Kg
100-42-5	Styrene	5.1	U	0.46	0.51	5.1	ug/Kg
75-25-2	Bromoform	5.1	U	0.76	1.5	5.1	ug/Kg
98-82-8	Isopropylbenzene	5.1	U	0.49	0.51	5.1	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5.1	U	0.47	0.51	5.1	ug/Kg
541-73-1	1,3-Dichlorobenzene	5.1	U	0.38	0.51	5.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.1	U	0.42	0.51	5.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	5.1	U	0.51	0.51	5.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.1	U	0.89	5.1	5.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.1	U	0.51	0.51	5.1	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5.1	U	0.51	1	5.1	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.3		56 - 120		101%	SPK: 50
1868-53-7	Dibromofluoromethane	53.6		57 - 135		107%	SPK: 50
2037-26-5	Toluene-d8	53.4		67 - 123		107%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.2		33 - 141		82%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	603250	4.85				
540-36-3	1,4-Difluorobenzene	902990	5.58				
3114-55-4	Chlorobenzene-d5	708655	9.73				
3855-82-1	1,4-Dichlorobenzene-d4	282680	12.51				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS1	SDG No.:	H2720
Lab Sample ID:	H2720-05	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	19.8
Sample Wt/Vol:	6.11 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047925.D	1		05/01/16 14:25	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

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N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS2	SDG No.:	H2720
Lab Sample ID:	H2720-06	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.3
Sample Wt/Vol:	4.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047948.D	1		05/02/16 13:50	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	6.5	U	0.65	0.65	6.5	ug/Kg
74-87-3	Chloromethane	6.5	U	0.65	0.65	6.5	ug/Kg
75-01-4	Vinyl Chloride	6.5	U	0.65	0.65	6.5	ug/Kg
74-83-9	Bromomethane	6.5	U	1.3	1.3	6.5	ug/Kg
75-00-3	Chloroethane	6.5	U	0.65	0.65	6.5	ug/Kg
75-69-4	Trichlorofluoromethane	6.5	U	0.65	0.65	6.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	6.5	U	0.65	0.65	6.5	ug/Kg
75-35-4	1,1-Dichloroethene	6.5	U	0.65	0.65	6.5	ug/Kg
67-64-1	Acetone	32.3	U	3.2	3.2	32.3	ug/Kg
75-15-0	Carbon Disulfide	6.5	U	0.65	0.65	6.5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	6.5	U	0.65	0.65	6.5	ug/Kg
79-20-9	Methyl Acetate	6.5	U	1.3	1.3	6.5	ug/Kg
75-09-2	Methylene Chloride	6.5	U	0.65	0.65	6.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	6.5	U	0.65	0.65	6.5	ug/Kg
75-34-3	1,1-Dichloroethane	6.5	U	0.65	0.65	6.5	ug/Kg
110-82-7	Cyclohexane	6.5	U	0.65	0.65	6.5	ug/Kg
78-93-3	2-Butanone	32.3	U	4	9.7	32.3	ug/Kg
56-23-5	Carbon Tetrachloride	6.5	U	0.65	0.65	6.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	6.5	U	0.65	0.65	6.5	ug/Kg
74-97-5	Bromochloromethane	6.5	U	0.65	0.65	6.5	ug/Kg
67-66-3	Chloroform	6.5	U	0.65	0.65	6.5	ug/Kg
71-55-6	1,1,1-Trichloroethane	6.5	U	0.65	0.65	6.5	ug/Kg
108-87-2	Methylcyclohexane	6.5	U	0.65	0.65	6.5	ug/Kg
71-43-2	Benzene	6.5	U	0.49	0.65	6.5	ug/Kg
107-06-2	1,2-Dichloroethane	6.5	U	0.65	0.65	6.5	ug/Kg
79-01-6	Trichloroethene	6.5	U	0.65	0.65	6.5	ug/Kg
78-87-5	1,2-Dichloropropane	6.5	U	0.34	0.65	6.5	ug/Kg
75-27-4	Bromodichloromethane	6.5	U	0.65	0.65	6.5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	32.3	U	3.2	3.2	32.3	ug/Kg
108-88-3	Toluene	6.5	U	0.65	0.65	6.5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	6.5	U	0.65	0.65	6.5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	6.5	U	0.65	0.65	6.5	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS2	SDG No.:	H2720
Lab Sample ID:	H2720-06	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.3
Sample Wt/Vol:	4.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047948.D	1		05/02/16 13:50	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	6.5	U	1.2	1.3	6.5	ug/Kg
591-78-6	2-Hexanone	32.3	U	3.2	3.2	32.3	ug/Kg
124-48-1	Dibromochloromethane	6.5	U	0.65	0.65	6.5	ug/Kg
106-93-4	1,2-Dibromoethane	6.5	U	0.65	0.65	6.5	ug/Kg
127-18-4	Tetrachloroethene	6.5	U	0.65	0.65	6.5	ug/Kg
108-90-7	Chlorobenzene	6.5	U	0.65	0.65	6.5	ug/Kg
100-41-4	Ethyl Benzene	6.5	U	0.65	0.65	6.5	ug/Kg
179601-23-1	m/p-Xylenes	2.8	J	0.93	1.3	12.9	ug/Kg
95-47-6	o-Xylene	6.5	U	0.65	0.65	6.5	ug/Kg
100-42-5	Styrene	6.5	U	0.58	0.65	6.5	ug/Kg
75-25-2	Bromoform	6.5	U	0.96	1.9	6.5	ug/Kg
98-82-8	Isopropylbenzene	6.5	U	0.62	0.65	6.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	6.5	U	0.6	0.65	6.5	ug/Kg
541-73-1	1,3-Dichlorobenzene	6.5	U	0.48	0.65	6.5	ug/Kg
106-46-7	1,4-Dichlorobenzene	6.5	U	0.53	0.65	6.5	ug/Kg
95-50-1	1,2-Dichlorobenzene	6.5	U	0.65	0.65	6.5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	6.5	U	1.1	6.5	6.5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	6.5	U	0.65	0.65	6.5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	6.5	U	0.65	1.3	6.5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.5		56 - 120		93%	SPK: 50
1868-53-7	Dibromofluoromethane	53		57 - 135		106%	SPK: 50
2037-26-5	Toluene-d8	51.7		67 - 123		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	33.9		33 - 141		68%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	402242	4.86				
540-36-3	1,4-Difluorobenzene	578794	5.59				
3114-55-4	Chlorobenzene-d5	392838	9.75				
3855-82-1	1,4-Dichlorobenzene-d4	135853	12.52				
TENTATIVE IDENTIFIED COMPOUNDS							
95-63-6	1,2,4-Trimethylbenzene	1.9	J			12.17	ug/Kg
91-20-3	Naphthalene	3.3	J			14.41	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS2	SDG No.:	H2720
Lab Sample ID:	H2720-06	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.3
Sample Wt/Vol:	4.73 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047948.D	1		05/02/16 13:50	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS3	SDG No.:	H2720
Lab Sample ID:	H2720-07	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	10
Sample Wt/Vol:	3.87 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047927.D	1		05/01/16 15:23	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	7.2	U	0.72	0.72	7.2	ug/Kg
74-87-3	Chloromethane	7.2	U	0.72	0.72	7.2	ug/Kg
75-01-4	Vinyl Chloride	7.2	U	0.72	0.72	7.2	ug/Kg
74-83-9	Bromomethane	7.2	U	1.4	1.4	7.2	ug/Kg
75-00-3	Chloroethane	7.2	U	0.72	0.72	7.2	ug/Kg
75-69-4	Trichlorofluoromethane	7.2	U	0.72	0.72	7.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	7.2	U	0.72	0.72	7.2	ug/Kg
75-35-4	1,1-Dichloroethene	7.2	U	0.72	0.72	7.2	ug/Kg
67-64-1	Acetone	35.9	U	3.6	3.6	35.9	ug/Kg
75-15-0	Carbon Disulfide	7.2	U	0.72	0.72	7.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	7.2	U	0.72	0.72	7.2	ug/Kg
79-20-9	Methyl Acetate	7.2	U	1.4	1.4	7.2	ug/Kg
75-09-2	Methylene Chloride	7.2	U	0.72	0.72	7.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	7.2	U	0.72	0.72	7.2	ug/Kg
75-34-3	1,1-Dichloroethane	7.2	U	0.72	0.72	7.2	ug/Kg
110-82-7	Cyclohexane	7.2	U	0.72	0.72	7.2	ug/Kg
78-93-3	2-Butanone	35.9	U	4.5	10.8	35.9	ug/Kg
56-23-5	Carbon Tetrachloride	7.2	U	0.72	0.72	7.2	ug/Kg
156-59-2	cis-1,2-Dichloroethene	7.2	U	0.72	0.72	7.2	ug/Kg
74-97-5	Bromochloromethane	7.2	U	0.72	0.72	7.2	ug/Kg
67-66-3	Chloroform	7.2	U	0.72	0.72	7.2	ug/Kg
71-55-6	1,1,1-Trichloroethane	7.2	U	0.72	0.72	7.2	ug/Kg
108-87-2	Methylcyclohexane	7.2	U	0.72	0.72	7.2	ug/Kg
71-43-2	Benzene	7.2	U	0.55	0.72	7.2	ug/Kg
107-06-2	1,2-Dichloroethane	7.2	U	0.72	0.72	7.2	ug/Kg
79-01-6	Trichloroethene	7.2	U	0.72	0.72	7.2	ug/Kg
78-87-5	1,2-Dichloropropane	7.2	U	0.37	0.72	7.2	ug/Kg
75-27-4	Bromodichloromethane	7.2	U	0.72	0.72	7.2	ug/Kg
108-10-1	4-Methyl-2-Pentanone	35.9	U	3.6	3.6	35.9	ug/Kg
108-88-3	Toluene	7.2	U	0.72	0.72	7.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	7.2	U	0.72	0.72	7.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	7.2	U	0.72	0.72	7.2	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS3	SDG No.:	H2720
Lab Sample ID:	H2720-07	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	10
Sample Wt/Vol:	3.87 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047927.D	1		05/01/16 15:23	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	7.2	U	1.3	1.4	7.2	ug/Kg
591-78-6	2-Hexanone	35.9	U	3.6	3.6	35.9	ug/Kg
124-48-1	Dibromochloromethane	7.2	U	0.72	0.72	7.2	ug/Kg
106-93-4	1,2-Dibromoethane	7.2	U	0.72	0.72	7.2	ug/Kg
127-18-4	Tetrachloroethene	7.2	U	0.72	0.72	7.2	ug/Kg
108-90-7	Chlorobenzene	7.2	U	0.72	0.72	7.2	ug/Kg
100-41-4	Ethyl Benzene	7.2	U	0.72	0.72	7.2	ug/Kg
179601-23-1	m/p-Xylenes	14.4	U	1	1.4	14.4	ug/Kg
95-47-6	o-Xylene	7.2	U	0.72	0.72	7.2	ug/Kg
100-42-5	Styrene	7.2	U	0.65	0.72	7.2	ug/Kg
75-25-2	Bromoform	7.2	U	1.1	2.2	7.2	ug/Kg
98-82-8	Isopropylbenzene	7.2	U	0.69	0.72	7.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	7.2	U	0.66	0.72	7.2	ug/Kg
541-73-1	1,3-Dichlorobenzene	7.2	U	0.53	0.72	7.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	7.2	U	0.59	0.72	7.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	7.2	U	0.72	0.72	7.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	7.2	U	1.2	7.2	7.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	7.2	U	0.72	0.72	7.2	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	7.2	U	0.72	1.4	7.2	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.2		56 - 120		102%	SPK: 50
1868-53-7	Dibromofluoromethane	54.9		57 - 135		110%	SPK: 50
2037-26-5	Toluene-d8	52.9		67 - 123		106%	SPK: 50
460-00-4	4-Bromofluorobenzene	36.7		33 - 141		73%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	586507	4.85				
540-36-3	1,4-Difluorobenzene	886508	5.57				
3114-55-4	Chlorobenzene-d5	643147	9.73				
3855-82-1	1,4-Dichlorobenzene-d4	261501	12.5				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS3	SDG No.:	H2720
Lab Sample ID:	H2720-07	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	10
Sample Wt/Vol:	3.87 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047927.D	1		05/01/16 15:23	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS4	SDG No.:	H2720
Lab Sample ID:	H2720-08	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	16.6
Sample Wt/Vol:	5.94 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047949.D	1		05/02/16 14:19	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.5	0.5	5	ug/Kg
74-87-3	Chloromethane	5	U	0.5	0.5	5	ug/Kg
75-01-4	Vinyl Chloride	5	U	0.5	0.5	5	ug/Kg
74-83-9	Bromomethane	5	U	1	1	5	ug/Kg
75-00-3	Chloroethane	5	U	0.5	0.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	5	U	0.5	0.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.5	0.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
67-64-1	Acetone	25.2	U	2.5	2.5	25.2	ug/Kg
75-15-0	Carbon Disulfide	5	U	0.5	0.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5	U	0.5	0.5	5	ug/Kg
79-20-9	Methyl Acetate	5	U	1	1	5	ug/Kg
75-09-2	Methylene Chloride	5	U	0.5	0.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	5	U	0.5	0.5	5	ug/Kg
110-82-7	Cyclohexane	5	U	0.5	0.5	5	ug/Kg
78-93-3	2-Butanone	25.2	U	3.1	7.6	25.2	ug/Kg
56-23-5	Carbon Tetrachloride	5	U	0.5	0.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
74-97-5	Bromochloromethane	5	U	0.5	0.5	5	ug/Kg
67-66-3	Chloroform	5	U	0.5	0.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	5	U	0.5	0.5	5	ug/Kg
108-87-2	Methylcyclohexane	5	U	0.5	0.5	5	ug/Kg
71-43-2	Benzene	5	U	0.38	0.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	5	U	0.5	0.5	5	ug/Kg
79-01-6	Trichloroethene	5	U	0.5	0.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	5	U	0.26	0.5	5	ug/Kg
75-27-4	Bromodichloromethane	5	U	0.5	0.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	25.2	U	2.5	2.5	25.2	ug/Kg
108-88-3	Toluene	5	U	0.5	0.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5	U	0.5	0.5	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5	U	0.5	0.5	5	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS4	SDG No.:	H2720
Lab Sample ID:	H2720-08	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	16.6
Sample Wt/Vol:	5.94 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047949.D	1		05/02/16 14:19	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	5	U	0.91	1	5	ug/Kg
591-78-6	2-Hexanone	25.2	U	2.5	2.5	25.2	ug/Kg
124-48-1	Dibromochloromethane	5	U	0.5	0.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	5	U	0.5	0.5	5	ug/Kg
127-18-4	Tetrachloroethene	5	U	0.5	0.5	5	ug/Kg
108-90-7	Chlorobenzene	5	U	0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	5	U	0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	10.1	U	0.73	1	10.1	ug/Kg
95-47-6	o-Xylene	5	U	0.5	0.5	5	ug/Kg
100-42-5	Styrene	5	U	0.45	0.5	5	ug/Kg
75-25-2	Bromoform	5	U	0.75	1.5	5	ug/Kg
98-82-8	Isopropylbenzene	5	U	0.48	0.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.46	0.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	5	U	0.37	0.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	5	U	0.41	0.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	5	U	0.5	0.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.88	5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5	U	0.5	0.5	5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5	U	0.5	1	5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.4		56 - 120		97%	SPK: 50
1868-53-7	Dibromofluoromethane	50.7		57 - 135		101%	SPK: 50
2037-26-5	Toluene-d8	49.5		67 - 123		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.3		33 - 141		85%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	573749	4.87				
540-36-3	1,4-Difluorobenzene	842857	5.6				
3114-55-4	Chlorobenzene-d5	726885	9.75				
3855-82-1	1,4-Dichlorobenzene-d4	301713	12.52				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS4	SDG No.:	H2720
Lab Sample ID:	H2720-08	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	16.6
Sample Wt/Vol:	5.94 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047949.D	1		05/02/16 14:19	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5	SDG No.:	H2720
Lab Sample ID:	H2720-09	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	21.4
Sample Wt/Vol:	5.91 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047950.D	1		05/02/16 14:48	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	5.4	U	0.54	0.54	5.4	ug/Kg
74-87-3	Chloromethane	5.4	U	0.54	0.54	5.4	ug/Kg
75-01-4	Vinyl Chloride	5.4	U	0.54	0.54	5.4	ug/Kg
74-83-9	Bromomethane	5.4	U	1.1	1.1	5.4	ug/Kg
75-00-3	Chloroethane	5.4	U	0.54	0.54	5.4	ug/Kg
75-69-4	Trichlorofluoromethane	5.4	U	0.54	0.54	5.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5.4	U	0.54	0.54	5.4	ug/Kg
75-35-4	1,1-Dichloroethene	5.4	U	0.54	0.54	5.4	ug/Kg
67-64-1	Acetone	26.9	U	2.7	2.7	26.9	ug/Kg
75-15-0	Carbon Disulfide	5.4	U	0.54	0.54	5.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5.4	U	0.54	0.54	5.4	ug/Kg
79-20-9	Methyl Acetate	5.4	U	1.1	1.1	5.4	ug/Kg
75-09-2	Methylene Chloride	5.4	U	0.54	0.54	5.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5.4	U	0.54	0.54	5.4	ug/Kg
75-34-3	1,1-Dichloroethane	5.4	U	0.54	0.54	5.4	ug/Kg
110-82-7	Cyclohexane	5.4	U	0.54	0.54	5.4	ug/Kg
78-93-3	2-Butanone	26.9	U	3.3	8.1	26.9	ug/Kg
56-23-5	Carbon Tetrachloride	5.4	U	0.54	0.54	5.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5.4	U	0.54	0.54	5.4	ug/Kg
74-97-5	Bromochloromethane	5.4	U	0.54	0.54	5.4	ug/Kg
67-66-3	Chloroform	5.4	U	0.54	0.54	5.4	ug/Kg
71-55-6	1,1,1-Trichloroethane	5.4	U	0.54	0.54	5.4	ug/Kg
108-87-2	Methylcyclohexane	5.4	U	0.54	0.54	5.4	ug/Kg
71-43-2	Benzene	5.4	U	0.41	0.54	5.4	ug/Kg
107-06-2	1,2-Dichloroethane	5.4	U	0.54	0.54	5.4	ug/Kg
79-01-6	Trichloroethene	5.4	U	0.54	0.54	5.4	ug/Kg
78-87-5	1,2-Dichloropropane	5.4	U	0.28	0.54	5.4	ug/Kg
75-27-4	Bromodichloromethane	5.4	U	0.54	0.54	5.4	ug/Kg
108-10-1	4-Methyl-2-Pentanone	26.9	U	2.7	2.7	26.9	ug/Kg
108-88-3	Toluene	5.4	U	0.54	0.54	5.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5.4	U	0.54	0.54	5.4	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5.4	U	0.54	0.54	5.4	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5	SDG No.:	H2720
Lab Sample ID:	H2720-09	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	21.4
Sample Wt/Vol:	5.91 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047950.D	1		05/02/16 14:48	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	5.4	U	0.97	1.1	5.4	ug/Kg
591-78-6	2-Hexanone	26.9	U	2.7	2.7	26.9	ug/Kg
124-48-1	Dibromochloromethane	5.4	U	0.54	0.54	5.4	ug/Kg
106-93-4	1,2-Dibromoethane	5.4	U	0.54	0.54	5.4	ug/Kg
127-18-4	Tetrachloroethene	5.4	U	0.54	0.54	5.4	ug/Kg
108-90-7	Chlorobenzene	5.4	U	0.54	0.54	5.4	ug/Kg
100-41-4	Ethyl Benzene	5.4	U	0.54	0.54	5.4	ug/Kg
179601-23-1	m/p-Xylenes	10.8	U	0.77	1.1	10.8	ug/Kg
95-47-6	o-Xylene	5.4	U	0.54	0.54	5.4	ug/Kg
100-42-5	Styrene	5.4	U	0.48	0.54	5.4	ug/Kg
75-25-2	Bromoform	5.4	U	0.8	1.6	5.4	ug/Kg
98-82-8	Isopropylbenzene	5.4	U	0.52	0.54	5.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5.4	U	0.5	0.54	5.4	ug/Kg
541-73-1	1,3-Dichlorobenzene	5.4	U	0.4	0.54	5.4	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.4	U	0.44	0.54	5.4	ug/Kg
95-50-1	1,2-Dichlorobenzene	5.4	U	0.54	0.54	5.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.4	U	0.94	5.4	5.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.4	U	0.54	0.54	5.4	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5.4	U	0.54	1.1	5.4	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	56.4		56 - 120		113%	SPK: 50
1868-53-7	Dibromofluoromethane	59.6		57 - 135		119%	SPK: 50
2037-26-5	Toluene-d8	56.6		67 - 123		113%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.7		33 - 141		85%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	508719	4.87				
540-36-3	1,4-Difluorobenzene	744329	5.59				
3114-55-4	Chlorobenzene-d5	561060	9.75				
3855-82-1	1,4-Dichlorobenzene-d4	206803	12.52				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5	SDG No.:	H2720
Lab Sample ID:	H2720-09	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	21.4
Sample Wt/Vol:	5.91 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047950.D	1		05/02/16 14:48	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS6	SDG No.:	H2720
Lab Sample ID:	H2720-12	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	19
Sample Wt/Vol:	5.19 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047932.D	1		05/01/16 17:47	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	5.9	U	0.59	0.59	5.9	ug/Kg
74-87-3	Chloromethane	5.9	U	0.59	0.59	5.9	ug/Kg
75-01-4	Vinyl Chloride	5.9	U	0.59	0.59	5.9	ug/Kg
74-83-9	Bromomethane	5.9	U	1.2	1.2	5.9	ug/Kg
75-00-3	Chloroethane	5.9	U	0.59	0.59	5.9	ug/Kg
75-69-4	Trichlorofluoromethane	5.9	U	0.59	0.59	5.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5.9	U	0.59	0.59	5.9	ug/Kg
75-35-4	1,1-Dichloroethene	5.9	U	0.59	0.59	5.9	ug/Kg
67-64-1	Acetone	29.7	U	3	3	29.7	ug/Kg
75-15-0	Carbon Disulfide	5.9	U	0.59	0.59	5.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5.9	U	0.59	0.59	5.9	ug/Kg
79-20-9	Methyl Acetate	5.9	U	1.2	1.2	5.9	ug/Kg
75-09-2	Methylene Chloride	5.9	U	0.59	0.59	5.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5.9	U	0.59	0.59	5.9	ug/Kg
75-34-3	1,1-Dichloroethane	5.9	U	0.59	0.59	5.9	ug/Kg
110-82-7	Cyclohexane	5.9	U	0.59	0.59	5.9	ug/Kg
78-93-3	2-Butanone	29.7	U	3.7	8.9	29.7	ug/Kg
56-23-5	Carbon Tetrachloride	5.9	U	0.59	0.59	5.9	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5.9	U	0.59	0.59	5.9	ug/Kg
74-97-5	Bromochloromethane	5.9	U	0.59	0.59	5.9	ug/Kg
67-66-3	Chloroform	5.9	U	0.59	0.59	5.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	5.9	U	0.59	0.59	5.9	ug/Kg
108-87-2	Methylcyclohexane	5.9	U	0.59	0.59	5.9	ug/Kg
71-43-2	Benzene	5.9	U	0.45	0.59	5.9	ug/Kg
107-06-2	1,2-Dichloroethane	5.9	U	0.59	0.59	5.9	ug/Kg
79-01-6	Trichloroethene	5.9	U	0.59	0.59	5.9	ug/Kg
78-87-5	1,2-Dichloropropane	5.9	U	0.31	0.59	5.9	ug/Kg
75-27-4	Bromodichloromethane	5.9	U	0.59	0.59	5.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	29.7	U	3	3	29.7	ug/Kg
108-88-3	Toluene	5.9	U	0.59	0.59	5.9	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5.9	U	0.59	0.59	5.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5.9	U	0.59	0.59	5.9	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS6	SDG No.:	H2720
Lab Sample ID:	H2720-12	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	19
Sample Wt/Vol:	5.19 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047932.D	1		05/01/16 17:47	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	5.9	U	1.1	1.2	5.9	ug/Kg
591-78-6	2-Hexanone	29.7	U	3	3	29.7	ug/Kg
124-48-1	Dibromochloromethane	5.9	U	0.59	0.59	5.9	ug/Kg
106-93-4	1,2-Dibromoethane	5.9	U	0.59	0.59	5.9	ug/Kg
127-18-4	Tetrachloroethene	5.9	U	0.59	0.59	5.9	ug/Kg
108-90-7	Chlorobenzene	5.9	U	0.59	0.59	5.9	ug/Kg
100-41-4	Ethyl Benzene	5.9	U	0.59	0.59	5.9	ug/Kg
179601-23-1	m/p-Xylenes	11.9	U	0.86	1.2	11.9	ug/Kg
95-47-6	o-Xylene	5.9	U	0.59	0.59	5.9	ug/Kg
100-42-5	Styrene	5.9	U	0.54	0.59	5.9	ug/Kg
75-25-2	Bromoform	5.9	U	0.88	1.8	5.9	ug/Kg
98-82-8	Isopropylbenzene	5.9	U	0.57	0.59	5.9	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5.9	U	0.55	0.59	5.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	5.9	U	0.44	0.59	5.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.9	U	0.49	0.59	5.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	5.9	U	0.59	0.59	5.9	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.9	U	1	5.9	5.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.9	U	0.59	0.59	5.9	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5.9	U	0.59	1.2	5.9	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.1		56 - 120		102%	SPK: 50
1868-53-7	Dibromofluoromethane	54.7		57 - 135		109%	SPK: 50
2037-26-5	Toluene-d8	50.2		67 - 123		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	32.1		33 - 141		64%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	502695	4.85				
540-36-3	1,4-Difluorobenzene	737580	5.58				
3114-55-4	Chlorobenzene-d5	516171	9.73				
3855-82-1	1,4-Dichlorobenzene-d4	152190	12.51				
TENTATIVE IDENTIFIED COMPOUNDS							
91-20-3	Naphthalene	1.5	J			14.41	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS6	SDG No.:	H2720
Lab Sample ID:	H2720-12	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	19
Sample Wt/Vol:	5.19 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047932.D	1		05/01/16 17:47	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS7	SDG No.:	H2720
Lab Sample ID:	H2720-13	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	12.9
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047952.D	1		05/02/16 15:45	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	5.7	U	0.57	0.57	5.7	ug/Kg
74-87-3	Chloromethane	5.7	U	0.57	0.57	5.7	ug/Kg
75-01-4	Vinyl Chloride	5.7	U	0.57	0.57	5.7	ug/Kg
74-83-9	Bromomethane	5.7	U	1.1	1.1	5.7	ug/Kg
75-00-3	Chloroethane	5.7	U	0.57	0.57	5.7	ug/Kg
75-69-4	Trichlorofluoromethane	5.7	U	0.57	0.57	5.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5.7	U	0.57	0.57	5.7	ug/Kg
75-35-4	1,1-Dichloroethene	5.7	U	0.57	0.57	5.7	ug/Kg
67-64-1	Acetone	25.7	J	2.9	2.9	28.6	ug/Kg
75-15-0	Carbon Disulfide	5.7	U	0.57	0.57	5.7	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5.7	U	0.57	0.57	5.7	ug/Kg
79-20-9	Methyl Acetate	7.7		1.1	1.1	5.7	ug/Kg
75-09-2	Methylene Chloride	5.7	U	0.57	0.57	5.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5.7	U	0.57	0.57	5.7	ug/Kg
75-34-3	1,1-Dichloroethane	5.7	U	0.57	0.57	5.7	ug/Kg
110-82-7	Cyclohexane	5.7	U	0.57	0.57	5.7	ug/Kg
78-93-3	2-Butanone	5.5	J	3.6	8.6	28.6	ug/Kg
56-23-5	Carbon Tetrachloride	5.7	U	0.57	0.57	5.7	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5.7	U	0.57	0.57	5.7	ug/Kg
74-97-5	Bromochloromethane	5.7	U	0.57	0.57	5.7	ug/Kg
67-66-3	Chloroform	5.7	U	0.57	0.57	5.7	ug/Kg
71-55-6	1,1,1-Trichloroethane	5.7	U	0.57	0.57	5.7	ug/Kg
108-87-2	Methylcyclohexane	5.7	U	0.57	0.57	5.7	ug/Kg
71-43-2	Benzene	5.7	U	0.44	0.57	5.7	ug/Kg
107-06-2	1,2-Dichloroethane	5.7	U	0.57	0.57	5.7	ug/Kg
79-01-6	Trichloroethene	5.7	U	0.57	0.57	5.7	ug/Kg
78-87-5	1,2-Dichloropropane	5.7	U	0.3	0.57	5.7	ug/Kg
75-27-4	Bromodichloromethane	5.7	U	0.57	0.57	5.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	28.6	U	2.9	2.9	28.6	ug/Kg
108-88-3	Toluene	2.3	J	0.57	0.57	5.7	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5.7	U	0.57	0.57	5.7	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5.7	U	0.57	0.57	5.7	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS7	SDG No.:	H2720
Lab Sample ID:	H2720-13	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	12.9
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047952.D	1		05/02/16 15:45	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	5.7	U	1	1.1	5.7	ug/Kg
591-78-6	2-Hexanone	28.6	U	2.9	2.9	28.6	ug/Kg
124-48-1	Dibromochloromethane	5.7	U	0.57	0.57	5.7	ug/Kg
106-93-4	1,2-Dibromoethane	5.7	U	0.57	0.57	5.7	ug/Kg
127-18-4	Tetrachloroethene	5.7	U	0.57	0.57	5.7	ug/Kg
108-90-7	Chlorobenzene	5.7	U	0.57	0.57	5.7	ug/Kg
100-41-4	Ethyl Benzene	5.7	U	0.57	0.57	5.7	ug/Kg
179601-23-1	m/p-Xylenes	11.5	U	0.82	1.1	11.5	ug/Kg
95-47-6	o-Xylene	5.7	U	0.57	0.57	5.7	ug/Kg
100-42-5	Styrene	5.7	U	0.52	0.57	5.7	ug/Kg
75-25-2	Bromoform	5.7	U	0.85	1.7	5.7	ug/Kg
98-82-8	Isopropylbenzene	5.7	U	0.55	0.57	5.7	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5.7	U	0.53	0.57	5.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	5.7	U	0.42	0.57	5.7	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.7	U	0.47	0.57	5.7	ug/Kg
95-50-1	1,2-Dichlorobenzene	5.7	U	0.57	0.57	5.7	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.7	U	1	5.7	5.7	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.7	U	0.57	0.57	5.7	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5.7	U	0.57	1.1	5.7	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	44.5		56 - 120		89%	SPK: 50
1868-53-7	Dibromofluoromethane	51		57 - 135		102%	SPK: 50
2037-26-5	Toluene-d8	53.8		67 - 123		108%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.4		33 - 141		83%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	418254	4.86				
540-36-3	1,4-Difluorobenzene	611419	5.58				
3114-55-4	Chlorobenzene-d5	473540	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	205309	12.51				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS7	SDG No.:	H2720
Lab Sample ID:	H2720-13	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	12.9
Sample Wt/Vol:	5.01 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047952.D	1		05/02/16 15:45	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	DUP	SDG No.:	H2720
Lab Sample ID:	H2720-14	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	19.6
Sample Wt/Vol:	5.59 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047953.D	1		05/02/16 16:14	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	5.6	U	0.56	0.56	5.6	ug/Kg
74-87-3	Chloromethane	5.6	U	0.56	0.56	5.6	ug/Kg
75-01-4	Vinyl Chloride	5.6	U	0.56	0.56	5.6	ug/Kg
74-83-9	Bromomethane	5.6	U	1.1	1.1	5.6	ug/Kg
75-00-3	Chloroethane	5.6	U	0.56	0.56	5.6	ug/Kg
75-69-4	Trichlorofluoromethane	5.6	U	0.56	0.56	5.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5.6	U	0.56	0.56	5.6	ug/Kg
75-35-4	1,1-Dichloroethene	5.6	U	0.56	0.56	5.6	ug/Kg
67-64-1	Acetone	27.8	U	2.8	2.8	27.8	ug/Kg
75-15-0	Carbon Disulfide	5.6	U	0.56	0.56	5.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5.6	U	0.56	0.56	5.6	ug/Kg
79-20-9	Methyl Acetate	5.6	U	1.1	1.1	5.6	ug/Kg
75-09-2	Methylene Chloride	5.6	U	0.56	0.56	5.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5.6	U	0.56	0.56	5.6	ug/Kg
75-34-3	1,1-Dichloroethane	5.6	U	0.56	0.56	5.6	ug/Kg
110-82-7	Cyclohexane	5.6	U	0.56	0.56	5.6	ug/Kg
78-93-3	2-Butanone	27.8	U	3.5	8.3	27.8	ug/Kg
56-23-5	Carbon Tetrachloride	5.6	U	0.56	0.56	5.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5.6	U	0.56	0.56	5.6	ug/Kg
74-97-5	Bromochloromethane	5.6	U	0.56	0.56	5.6	ug/Kg
67-66-3	Chloroform	5.6	U	0.56	0.56	5.6	ug/Kg
71-55-6	1,1,1-Trichloroethane	5.6	U	0.56	0.56	5.6	ug/Kg
108-87-2	Methylcyclohexane	5.6	U	0.56	0.56	5.6	ug/Kg
71-43-2	Benzene	5.6	U	0.42	0.56	5.6	ug/Kg
107-06-2	1,2-Dichloroethane	5.6	U	0.56	0.56	5.6	ug/Kg
79-01-6	Trichloroethene	5.6	U	0.56	0.56	5.6	ug/Kg
78-87-5	1,2-Dichloropropane	5.6	U	0.29	0.56	5.6	ug/Kg
75-27-4	Bromodichloromethane	5.6	U	0.56	0.56	5.6	ug/Kg
108-10-1	4-Methyl-2-Pentanone	27.8	U	2.8	2.8	27.8	ug/Kg
108-88-3	Toluene	5.6	U	0.56	0.56	5.6	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5.6	U	0.56	0.56	5.6	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5.6	U	0.56	0.56	5.6	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	DUP	SDG No.:	H2720
Lab Sample ID:	H2720-14	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	19.6
Sample Wt/Vol:	5.59 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047953.D	1		05/02/16 16:14	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	5.6	U	1	1.1	5.6	ug/Kg
591-78-6	2-Hexanone	27.8	U	2.8	2.8	27.8	ug/Kg
124-48-1	Dibromochloromethane	5.6	U	0.56	0.56	5.6	ug/Kg
106-93-4	1,2-Dibromoethane	5.6	U	0.56	0.56	5.6	ug/Kg
127-18-4	Tetrachloroethene	5.6	U	0.56	0.56	5.6	ug/Kg
108-90-7	Chlorobenzene	5.6	U	0.56	0.56	5.6	ug/Kg
100-41-4	Ethyl Benzene	5.6	U	0.56	0.56	5.6	ug/Kg
179601-23-1	m/p-Xylenes	2.6	J	0.8	1.1	11.1	ug/Kg
95-47-6	o-Xylene	2.3	J	0.56	0.56	5.6	ug/Kg
100-42-5	Styrene	5.6	U	0.5	0.56	5.6	ug/Kg
75-25-2	Bromoform	5.6	U	0.82	1.7	5.6	ug/Kg
98-82-8	Isopropylbenzene	5.6	U	0.53	0.56	5.6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5.6	U	0.51	0.56	5.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	5.6	U	0.41	0.56	5.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.6	U	0.46	0.56	5.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	5.6	U	0.56	0.56	5.6	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.6	U	0.97	5.6	5.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.6	U	0.56	0.56	5.6	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5.6	U	0.56	1.1	5.6	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.4		56 - 120		111%	SPK: 50
1868-53-7	Dibromofluoromethane	60.1		57 - 135		120%	SPK: 50
2037-26-5	Toluene-d8	56		67 - 123		112%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.9		33 - 141		84%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	496136	4.86				
540-36-3	1,4-Difluorobenzene	741832	5.59				
3114-55-4	Chlorobenzene-d5	575362	9.75				
3855-82-1	1,4-Dichlorobenzene-d4	206088	12.52				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	DUP	SDG No.:	H2720
Lab Sample ID:	H2720-14	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	19.6
Sample Wt/Vol:	5.59 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047953.D	1		05/02/16 16:14	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-6D02	SDG No.:	H2720
Lab Sample ID:	H2720-15	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	15.5
Sample Wt/Vol:	7.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047954.D	1		05/02/16 16:43	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.2	U	0.42	0.42	4.2	ug/Kg
74-87-3	Chloromethane	4.2	U	0.42	0.42	4.2	ug/Kg
75-01-4	Vinyl Chloride	4.2	U	0.42	0.42	4.2	ug/Kg
74-83-9	Bromomethane	4.2	U	0.84	0.84	4.2	ug/Kg
75-00-3	Chloroethane	4.2	U	0.42	0.42	4.2	ug/Kg
75-69-4	Trichlorofluoromethane	4.2	U	0.42	0.42	4.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.2	U	0.42	0.42	4.2	ug/Kg
75-35-4	1,1-Dichloroethene	4.2	U	0.42	0.42	4.2	ug/Kg
67-64-1	Acetone	85.2		2.1	2.1	21	ug/Kg
75-15-0	Carbon Disulfide	4.2	U	0.42	0.42	4.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.2	U	0.42	0.42	4.2	ug/Kg
79-20-9	Methyl Acetate	4.2	U	0.84	0.84	4.2	ug/Kg
75-09-2	Methylene Chloride	4.2	U	0.42	0.42	4.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.2	U	0.42	0.42	4.2	ug/Kg
75-34-3	1,1-Dichloroethane	4.2	U	0.42	0.42	4.2	ug/Kg
110-82-7	Cyclohexane	4.2	U	0.42	0.42	4.2	ug/Kg
78-93-3	2-Butanone	5.4	J	2.6	6.3	21	ug/Kg
56-23-5	Carbon Tetrachloride	4.2	U	0.42	0.42	4.2	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.2	U	0.42	0.42	4.2	ug/Kg
74-97-5	Bromochloromethane	4.2	U	0.42	0.42	4.2	ug/Kg
67-66-3	Chloroform	4.2	U	0.42	0.42	4.2	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.2	U	0.42	0.42	4.2	ug/Kg
108-87-2	Methylcyclohexane	4.2	U	0.42	0.42	4.2	ug/Kg
71-43-2	Benzene	4.2	U	0.32	0.42	4.2	ug/Kg
107-06-2	1,2-Dichloroethane	4.2	U	0.42	0.42	4.2	ug/Kg
79-01-6	Trichloroethene	4.2	U	0.42	0.42	4.2	ug/Kg
78-87-5	1,2-Dichloropropane	4.2	U	0.22	0.42	4.2	ug/Kg
75-27-4	Bromodichloromethane	4.2	U	0.42	0.42	4.2	ug/Kg
108-10-1	4-Methyl-2-Pentanone	21	U	2.1	2.1	21	ug/Kg
108-88-3	Toluene	1.1	J	0.42	0.42	4.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	4.2	U	0.42	0.42	4.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	4.2	U	0.42	0.42	4.2	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-6D02	SDG No.:	H2720
Lab Sample ID:	H2720-15	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	15.5
Sample Wt/Vol:	7.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047954.D	1		05/02/16 16:43	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	4.2	U	0.76	0.84	4.2	ug/Kg
591-78-6	2-Hexanone	21	U	2.1	2.1	21	ug/Kg
124-48-1	Dibromochloromethane	4.2	U	0.42	0.42	4.2	ug/Kg
106-93-4	1,2-Dibromoethane	4.2	U	0.42	0.42	4.2	ug/Kg
127-18-4	Tetrachloroethene	4.2	U	0.42	0.42	4.2	ug/Kg
108-90-7	Chlorobenzene	4.2	U	0.42	0.42	4.2	ug/Kg
100-41-4	Ethyl Benzene	4.2	U	0.42	0.42	4.2	ug/Kg
179601-23-1	m/p-Xylenes	1.9	J	0.6	0.84	8.4	ug/Kg
95-47-6	o-Xylene	0.91	J	0.42	0.42	4.2	ug/Kg
100-42-5	Styrene	4.2	U	0.38	0.42	4.2	ug/Kg
75-25-2	Bromoform	4.2	U	0.62	1.3	4.2	ug/Kg
98-82-8	Isopropylbenzene	4.2	U	0.4	0.42	4.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.2	U	0.39	0.42	4.2	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.2	U	0.31	0.42	4.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.2	U	0.34	0.42	4.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.2	U	0.42	0.42	4.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.2	U	0.73	4.2	4.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.2	U	0.42	0.42	4.2	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.2	U	0.42	0.84	4.2	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.7		56 - 120		93%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		57 - 135		103%	SPK: 50
2037-26-5	Toluene-d8	52.7		67 - 123		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.1		33 - 141		80%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	571190	4.86				
540-36-3	1,4-Difluorobenzene	830541	5.59				
3114-55-4	Chlorobenzene-d5	649536	9.75				
3855-82-1	1,4-Dichlorobenzene-d4	247277	12.52				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-72-8	Butanal	5.2	J			3.81	ug/Kg
000563-80-4	2-Butanone, 3-methyl-	6.7	J			6.08	ug/Kg
000110-62-3	Pentanal	20.2	J			6.84	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-6D02	SDG No.:	H2720
Lab Sample ID:	H2720-15	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	15.5
Sample Wt/Vol:	7.05 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047954.D	1		05/02/16 16:43	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000066-25-1	Hexanal	110	J			9.45	ug/Kg
000111-71-7	Heptanal	13.1	J			11.45	ug/Kg
005989-27-5	D-Limonene	24.7	J			12.25	ug/Kg
99-87-6	p-Isopropyltoluene	1.3	J			12.43	ug/Kg
000124-13-0	Octanal	6.5	J			12.73	ug/Kg
000124-19-6	Nonanal	4.2	J			13.68	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-8D46	SDG No.:	H2720
Lab Sample ID:	H2720-16	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	26.9
Sample Wt/Vol:	7.23 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047935.D	1		05/01/16 19:13	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.7	U	0.47	0.47	4.7	ug/Kg
74-87-3	Chloromethane	4.7	U	0.47	0.47	4.7	ug/Kg
75-01-4	Vinyl Chloride	4.7	U	0.47	0.47	4.7	ug/Kg
74-83-9	Bromomethane	4.7	U	0.95	0.95	4.7	ug/Kg
75-00-3	Chloroethane	4.7	U	0.47	0.47	4.7	ug/Kg
75-69-4	Trichlorofluoromethane	4.7	U	0.47	0.47	4.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.7	U	0.47	0.47	4.7	ug/Kg
75-35-4	1,1-Dichloroethene	4.7	U	0.47	0.47	4.7	ug/Kg
67-64-1	Acetone	23.7	U	2.4	2.4	23.7	ug/Kg
75-15-0	Carbon Disulfide	4.7	U	0.47	0.47	4.7	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.7	U	0.47	0.47	4.7	ug/Kg
79-20-9	Methyl Acetate	4.7	U	0.95	0.95	4.7	ug/Kg
75-09-2	Methylene Chloride	4.7	U	0.47	0.47	4.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.7	U	0.47	0.47	4.7	ug/Kg
75-34-3	1,1-Dichloroethane	4.7	U	0.47	0.47	4.7	ug/Kg
110-82-7	Cyclohexane	4.7	U	0.47	0.47	4.7	ug/Kg
78-93-3	2-Butanone	23.7	U	2.9	7.1	23.7	ug/Kg
56-23-5	Carbon Tetrachloride	4.7	U	0.47	0.47	4.7	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.7	U	0.47	0.47	4.7	ug/Kg
74-97-5	Bromochloromethane	4.7	U	0.47	0.47	4.7	ug/Kg
67-66-3	Chloroform	4.7	U	0.47	0.47	4.7	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.7	U	0.47	0.47	4.7	ug/Kg
108-87-2	Methylcyclohexane	5.9		0.47	0.47	4.7	ug/Kg
71-43-2	Benzene	2.9	J	0.36	0.47	4.7	ug/Kg
107-06-2	1,2-Dichloroethane	4.7	U	0.47	0.47	4.7	ug/Kg
79-01-6	Trichloroethene	4.7	U	0.47	0.47	4.7	ug/Kg
78-87-5	1,2-Dichloropropane	4.7	U	0.25	0.47	4.7	ug/Kg
75-27-4	Bromodichloromethane	4.7	U	0.47	0.47	4.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	23.7	U	2.4	2.4	23.7	ug/Kg
108-88-3	Toluene	5.9		0.47	0.47	4.7	ug/Kg
10061-02-6	t-1,3-Dichloropropene	4.7	U	0.47	0.47	4.7	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	4.7	U	0.47	0.47	4.7	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-8D46	SDG No.:	H2720
Lab Sample ID:	H2720-16	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	26.9
Sample Wt/Vol:	7.23 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047935.D	1		05/01/16 19:13	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	4.7	U	0.85	0.95	4.7	ug/Kg
591-78-6	2-Hexanone	23.7	U	2.4	2.4	23.7	ug/Kg
124-48-1	Dibromochloromethane	4.7	U	0.47	0.47	4.7	ug/Kg
106-93-4	1,2-Dibromoethane	4.7	U	0.47	0.47	4.7	ug/Kg
127-18-4	Tetrachloroethene	4.7	U	0.47	0.47	4.7	ug/Kg
108-90-7	Chlorobenzene	4.7	U	0.47	0.47	4.7	ug/Kg
100-41-4	Ethyl Benzene	1.1	J	0.47	0.47	4.7	ug/Kg
179601-23-1	m/p-Xylenes	4.8	J	0.68	0.95	9.5	ug/Kg
95-47-6	o-Xylene	1.8	J	0.47	0.47	4.7	ug/Kg
100-42-5	Styrene	4.7	U	0.43	0.47	4.7	ug/Kg
75-25-2	Bromoform	4.7	U	0.7	1.4	4.7	ug/Kg
98-82-8	Isopropylbenzene	4.7	U	0.45	0.47	4.7	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.7	U	0.44	0.47	4.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.7	U	0.35	0.47	4.7	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.7	U	0.39	0.47	4.7	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.7	U	0.47	0.47	4.7	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.7	U	0.82	4.7	4.7	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.7	U	0.47	0.47	4.7	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.7	U	0.47	0.95	4.7	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.9		56 - 120		110%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		57 - 135		103%	SPK: 50
2037-26-5	Toluene-d8	54.3		67 - 123		109%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.6		33 - 141		81%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	523801	4.86				
540-36-3	1,4-Difluorobenzene	803188	5.58				
3114-55-4	Chlorobenzene-d5	651651	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	250645	12.51				
TENTATIVE IDENTIFIED COMPOUNDS							
108-67-8	1,3,5-Trimethylbenzene	1.1	J			11.79	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	3.3	J			12.17	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-8D46	SDG No.:	H2720
Lab Sample ID:	H2720-16	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	26.9
Sample Wt/Vol:	7.23 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047935.D	1		05/01/16 19:13	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-10D46	SDG No.:	H2720
Lab Sample ID:	H2720-17	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	19.7
Sample Wt/Vol:	7.15 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047936.D	1		05/01/16 19:41	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.4	U	0.44	0.44	4.4	ug/Kg
74-87-3	Chloromethane	4.4	U	0.44	0.44	4.4	ug/Kg
75-01-4	Vinyl Chloride	4.4	U	0.44	0.44	4.4	ug/Kg
74-83-9	Bromomethane	4.4	U	0.87	0.87	4.4	ug/Kg
75-00-3	Chloroethane	4.4	U	0.44	0.44	4.4	ug/Kg
75-69-4	Trichlorofluoromethane	4.4	U	0.44	0.44	4.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.4	U	0.44	0.44	4.4	ug/Kg
75-35-4	1,1-Dichloroethene	4.4	U	0.44	0.44	4.4	ug/Kg
67-64-1	Acetone	21.8	U	2.2	2.2	21.8	ug/Kg
75-15-0	Carbon Disulfide	4.4	U	0.44	0.44	4.4	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.4	U	0.44	0.44	4.4	ug/Kg
79-20-9	Methyl Acetate	4.4	U	0.87	0.87	4.4	ug/Kg
75-09-2	Methylene Chloride	4.4	U	0.44	0.44	4.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.4	U	0.44	0.44	4.4	ug/Kg
75-34-3	1,1-Dichloroethane	4.4	U	0.44	0.44	4.4	ug/Kg
110-82-7	Cyclohexane	4.4	U	0.44	0.44	4.4	ug/Kg
78-93-3	2-Butanone	21.8	U	2.7	6.5	21.8	ug/Kg
56-23-5	Carbon Tetrachloride	4.4	U	0.44	0.44	4.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.4	U	0.44	0.44	4.4	ug/Kg
74-97-5	Bromochloromethane	4.4	U	0.44	0.44	4.4	ug/Kg
67-66-3	Chloroform	4.4	U	0.44	0.44	4.4	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.4	U	0.44	0.44	4.4	ug/Kg
108-87-2	Methylcyclohexane	0.93	J	0.44	0.44	4.4	ug/Kg
71-43-2	Benzene	4.4	U	0.33	0.44	4.4	ug/Kg
107-06-2	1,2-Dichloroethane	4.4	U	0.44	0.44	4.4	ug/Kg
79-01-6	Trichloroethene	4.4	U	0.44	0.44	4.4	ug/Kg
78-87-5	1,2-Dichloropropane	4.4	U	0.23	0.44	4.4	ug/Kg
75-27-4	Bromodichloromethane	4.4	U	0.44	0.44	4.4	ug/Kg
108-10-1	4-Methyl-2-Pentanone	21.8	U	2.2	2.2	21.8	ug/Kg
108-88-3	Toluene	4.4	U	0.44	0.44	4.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	4.4	U	0.44	0.44	4.4	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	4.4	U	0.44	0.44	4.4	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-10D46	SDG No.:	H2720
Lab Sample ID:	H2720-17	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	19.7
Sample Wt/Vol:	7.15 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047936.D	1		05/01/16 19:41	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	4.4	U	0.78	0.87	4.4	ug/Kg
591-78-6	2-Hexanone	21.8	U	2.2	2.2	21.8	ug/Kg
124-48-1	Dibromochloromethane	4.4	U	0.44	0.44	4.4	ug/Kg
106-93-4	1,2-Dibromoethane	4.4	U	0.44	0.44	4.4	ug/Kg
127-18-4	Tetrachloroethene	4.4	U	0.44	0.44	4.4	ug/Kg
108-90-7	Chlorobenzene	4.4	U	0.44	0.44	4.4	ug/Kg
100-41-4	Ethyl Benzene	4.4	U	0.44	0.44	4.4	ug/Kg
179601-23-1	m/p-Xylenes	8.7	U	0.63	0.87	8.7	ug/Kg
95-47-6	o-Xylene	4.4	U	0.44	0.44	4.4	ug/Kg
100-42-5	Styrene	4.4	U	0.39	0.44	4.4	ug/Kg
75-25-2	Bromoform	4.4	U	0.64	1.3	4.4	ug/Kg
98-82-8	Isopropylbenzene	4.4	U	0.42	0.44	4.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.4	U	0.4	0.44	4.4	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.4	U	0.32	0.44	4.4	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.4	U	0.36	0.44	4.4	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.4	U	0.44	0.44	4.4	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.4	U	0.76	4.4	4.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.4	U	0.44	0.44	4.4	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.4	U	0.44	0.87	4.4	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.9		56 - 120		112%	SPK: 50
1868-53-7	Dibromofluoromethane	55.3		57 - 135		111%	SPK: 50
2037-26-5	Toluene-d8	56.8		67 - 123		114%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.6		33 - 141		85%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	532710	4.86				
540-36-3	1,4-Difluorobenzene	811705	5.59				
3114-55-4	Chlorobenzene-d5	664264	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	253770	12.51				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-10D46	SDG No.:	H2720
Lab Sample ID:	H2720-17	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	19.7
Sample Wt/Vol:	7.15 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047936.D	1		05/01/16 19:41	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-11D24	SDG No.:	H2720
Lab Sample ID:	H2720-18	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	22.8
Sample Wt/Vol:	7 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047958.D	1		05/02/16 18:40	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.6	U	0.46	0.46	4.6	ug/Kg
74-87-3	Chloromethane	4.6	U	0.46	0.46	4.6	ug/Kg
75-01-4	Vinyl Chloride	4.6	U	0.46	0.46	4.6	ug/Kg
74-83-9	Bromomethane	4.6	U	0.93	0.93	4.6	ug/Kg
75-00-3	Chloroethane	4.6	U	0.46	0.46	4.6	ug/Kg
75-69-4	Trichlorofluoromethane	4.6	U	0.46	0.46	4.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.6	U	0.46	0.46	4.6	ug/Kg
75-35-4	1,1-Dichloroethene	4.6	U	0.46	0.46	4.6	ug/Kg
67-64-1	Acetone	28.2		2.3	2.3	23.1	ug/Kg
75-15-0	Carbon Disulfide	4.6	U	0.46	0.46	4.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.6	U	0.46	0.46	4.6	ug/Kg
79-20-9	Methyl Acetate	4.6	U	0.93	0.93	4.6	ug/Kg
75-09-2	Methylene Chloride	4.6	U	0.46	0.46	4.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.6	U	0.46	0.46	4.6	ug/Kg
75-34-3	1,1-Dichloroethane	4.6	U	0.46	0.46	4.6	ug/Kg
110-82-7	Cyclohexane	4.6	U	0.46	0.46	4.6	ug/Kg
78-93-3	2-Butanone	23.1	U	2.9	6.9	23.1	ug/Kg
56-23-5	Carbon Tetrachloride	4.6	U	0.46	0.46	4.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.6	U	0.46	0.46	4.6	ug/Kg
74-97-5	Bromochloromethane	4.6	U	0.46	0.46	4.6	ug/Kg
67-66-3	Chloroform	4.6	U	0.46	0.46	4.6	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.6	U	0.46	0.46	4.6	ug/Kg
108-87-2	Methylcyclohexane	4.6	U	0.46	0.46	4.6	ug/Kg
71-43-2	Benzene	4.6	U	0.35	0.46	4.6	ug/Kg
107-06-2	1,2-Dichloroethane	4.6	U	0.46	0.46	4.6	ug/Kg
79-01-6	Trichloroethene	4.6	U	0.46	0.46	4.6	ug/Kg
78-87-5	1,2-Dichloropropane	4.6	U	0.24	0.46	4.6	ug/Kg
75-27-4	Bromodichloromethane	4.6	U	0.46	0.46	4.6	ug/Kg
108-10-1	4-Methyl-2-Pentanone	23.1	U	2.3	2.3	23.1	ug/Kg
108-88-3	Toluene	4.6	U	0.46	0.46	4.6	ug/Kg
10061-02-6	t-1,3-Dichloropropene	4.6	U	0.46	0.46	4.6	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	4.6	U	0.46	0.46	4.6	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-11D24	SDG No.:	H2720
Lab Sample ID:	H2720-18	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	22.8
Sample Wt/Vol:	7 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047958.D	1		05/02/16 18:40	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	4.6	U	0.83	0.93	4.6	ug/Kg
591-78-6	2-Hexanone	23.1	U	2.3	2.3	23.1	ug/Kg
124-48-1	Dibromochloromethane	4.6	U	0.46	0.46	4.6	ug/Kg
106-93-4	1,2-Dibromoethane	4.6	U	0.46	0.46	4.6	ug/Kg
127-18-4	Tetrachloroethene	4.6	U	0.46	0.46	4.6	ug/Kg
108-90-7	Chlorobenzene	4.6	U	0.46	0.46	4.6	ug/Kg
100-41-4	Ethyl Benzene	4.6	U	0.46	0.46	4.6	ug/Kg
179601-23-1	m/p-Xylenes	9.3	U	0.67	0.93	9.3	ug/Kg
95-47-6	o-Xylene	4.6	U	0.46	0.46	4.6	ug/Kg
100-42-5	Styrene	4.6	U	0.42	0.46	4.6	ug/Kg
75-25-2	Bromoform	4.6	U	0.68	1.4	4.6	ug/Kg
98-82-8	Isopropylbenzene	4.6	U	0.44	0.46	4.6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.6	U	0.43	0.46	4.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.6	U	0.34	0.46	4.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.6	U	0.38	0.46	4.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.6	U	0.46	0.46	4.6	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.6	U	0.8	4.6	4.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.6	U	0.46	0.46	4.6	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.6	U	0.46	0.93	4.6	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54		56 - 120		108%	SPK: 50
1868-53-7	Dibromofluoromethane	55		57 - 135		110%	SPK: 50
2037-26-5	Toluene-d8	56.5		67 - 123		113%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.1		33 - 141		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	607918	4.86				
540-36-3	1,4-Difluorobenzene	933269	5.59				
3114-55-4	Chlorobenzene-d5	764510	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	330099	12.51				
TENTATIVE IDENTIFIED COMPOUNDS							
000066-25-1	Hexanal	24.6	J			9.45	ug/Kg
000111-71-7	Heptanal	4.7	J			11.45	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-11D24	SDG No.:	H2720
Lab Sample ID:	H2720-18	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	22.8
Sample Wt/Vol:	7 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047958.D	1		05/02/16 18:40	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-13D24	SDG No.:	H2720
Lab Sample ID:	H2720-19	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	17.1
Sample Wt/Vol:	6.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047955.D	1		05/02/16 17:12	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.6	U	0.46	0.46	4.6	ug/Kg
74-87-3	Chloromethane	4.6	U	0.46	0.46	4.6	ug/Kg
75-01-4	Vinyl Chloride	4.6	U	0.46	0.46	4.6	ug/Kg
74-83-9	Bromomethane	4.6	U	0.93	0.93	4.6	ug/Kg
75-00-3	Chloroethane	4.6	U	0.46	0.46	4.6	ug/Kg
75-69-4	Trichlorofluoromethane	4.6	U	0.46	0.46	4.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.6	U	0.46	0.46	4.6	ug/Kg
75-35-4	1,1-Dichloroethene	4.6	U	0.46	0.46	4.6	ug/Kg
67-64-1	Acetone	23.2	U	2.3	2.3	23.2	ug/Kg
75-15-0	Carbon Disulfide	4.6	U	0.46	0.46	4.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.6	U	0.46	0.46	4.6	ug/Kg
79-20-9	Methyl Acetate	4.6	U	0.93	0.93	4.6	ug/Kg
75-09-2	Methylene Chloride	4.6	U	0.46	0.46	4.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.6	U	0.46	0.46	4.6	ug/Kg
75-34-3	1,1-Dichloroethane	4.6	U	0.46	0.46	4.6	ug/Kg
110-82-7	Cyclohexane	4.6	U	0.46	0.46	4.6	ug/Kg
78-93-3	2-Butanone	23.2	U	2.9	7	23.2	ug/Kg
56-23-5	Carbon Tetrachloride	4.6	U	0.46	0.46	4.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.6	U	0.46	0.46	4.6	ug/Kg
74-97-5	Bromochloromethane	4.6	U	0.46	0.46	4.6	ug/Kg
67-66-3	Chloroform	4.6	U	0.46	0.46	4.6	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.6	U	0.46	0.46	4.6	ug/Kg
108-87-2	Methylcyclohexane	1.1	J	0.46	0.46	4.6	ug/Kg
71-43-2	Benzene	1.6	J	0.35	0.46	4.6	ug/Kg
107-06-2	1,2-Dichloroethane	4.6	U	0.46	0.46	4.6	ug/Kg
79-01-6	Trichloroethene	4.6	U	0.46	0.46	4.6	ug/Kg
78-87-5	1,2-Dichloropropane	4.6	U	0.24	0.46	4.6	ug/Kg
75-27-4	Bromodichloromethane	4.6	U	0.46	0.46	4.6	ug/Kg
108-10-1	4-Methyl-2-Pentanone	23.2	U	2.3	2.3	23.2	ug/Kg
108-88-3	Toluene	1.7	J	0.46	0.46	4.6	ug/Kg
10061-02-6	t-1,3-Dichloropropene	4.6	U	0.46	0.46	4.6	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	4.6	U	0.46	0.46	4.6	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-13D24	SDG No.:	H2720
Lab Sample ID:	H2720-19	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	17.1
Sample Wt/Vol:	6.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047955.D	1		05/02/16 17:12	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	4.6	U	0.84	0.93	4.6	ug/Kg
591-78-6	2-Hexanone	23.2	U	2.3	2.3	23.2	ug/Kg
124-48-1	Dibromochloromethane	4.6	U	0.46	0.46	4.6	ug/Kg
106-93-4	1,2-Dibromoethane	4.6	U	0.46	0.46	4.6	ug/Kg
127-18-4	Tetrachloroethene	4.6	U	0.46	0.46	4.6	ug/Kg
108-90-7	Chlorobenzene	4.6	U	0.46	0.46	4.6	ug/Kg
100-41-4	Ethyl Benzene	4.6	U	0.46	0.46	4.6	ug/Kg
179601-23-1	m/p-Xylenes	1.2	J	0.67	0.93	9.3	ug/Kg
95-47-6	o-Xylene	4.6	U	0.46	0.46	4.6	ug/Kg
100-42-5	Styrene	4.6	U	0.42	0.46	4.6	ug/Kg
75-25-2	Bromoform	4.6	U	0.69	1.4	4.6	ug/Kg
98-82-8	Isopropylbenzene	4.6	U	0.45	0.46	4.6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.6	U	0.43	0.46	4.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.6	U	0.34	0.46	4.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.6	U	0.38	0.46	4.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.6	U	0.46	0.46	4.6	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.6	U	0.81	4.6	4.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.6	U	0.46	0.46	4.6	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.6	U	0.46	0.93	4.6	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.1		56 - 120		104%	SPK: 50
1868-53-7	Dibromofluoromethane	54.2		57 - 135		108%	SPK: 50
2037-26-5	Toluene-d8	55.4		67 - 123		111%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.7		33 - 141		89%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	516997	4.86				
540-36-3	1,4-Difluorobenzene	791885	5.59				
3114-55-4	Chlorobenzene-d5	636422	9.75				
3855-82-1	1,4-Dichlorobenzene-d4	250040	12.52				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-13D24	SDG No.:	H2720
Lab Sample ID:	H2720-19	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	17.1
Sample Wt/Vol:	6.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047955.D	1		05/02/16 17:12	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-14D02	SDG No.:	H2720
Lab Sample ID:	H2720-20	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	16.4
Sample Wt/Vol:	6.1 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047956.D	1		05/02/16 17:41	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	4.9	U	0.49	0.49	4.9	ug/Kg
74-87-3	Chloromethane	4.9	U	0.49	0.49	4.9	ug/Kg
75-01-4	Vinyl Chloride	4.9	U	0.49	0.49	4.9	ug/Kg
74-83-9	Bromomethane	4.9	U	0.98	0.98	4.9	ug/Kg
75-00-3	Chloroethane	4.9	U	0.49	0.49	4.9	ug/Kg
75-69-4	Trichlorofluoromethane	4.9	U	0.49	0.49	4.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.9	U	0.49	0.49	4.9	ug/Kg
75-35-4	1,1-Dichloroethene	4.9	U	0.49	0.49	4.9	ug/Kg
67-64-1	Acetone	26		2.5	2.5	24.5	ug/Kg
75-15-0	Carbon Disulfide	4.9	U	0.49	0.49	4.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	4.9	U	0.49	0.49	4.9	ug/Kg
79-20-9	Methyl Acetate	4.9	U	0.98	0.98	4.9	ug/Kg
75-09-2	Methylene Chloride	4.9	U	0.49	0.49	4.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	4.9	U	0.49	0.49	4.9	ug/Kg
75-34-3	1,1-Dichloroethane	4.9	U	0.49	0.49	4.9	ug/Kg
110-82-7	Cyclohexane	4.9	U	0.49	0.49	4.9	ug/Kg
78-93-3	2-Butanone	3.6	J	3	7.4	24.5	ug/Kg
56-23-5	Carbon Tetrachloride	4.9	U	0.49	0.49	4.9	ug/Kg
156-59-2	cis-1,2-Dichloroethene	4.9	U	0.49	0.49	4.9	ug/Kg
74-97-5	Bromochloromethane	4.9	U	0.49	0.49	4.9	ug/Kg
67-66-3	Chloroform	4.9	U	0.49	0.49	4.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	4.9	U	0.49	0.49	4.9	ug/Kg
108-87-2	Methylcyclohexane	3.9	J	0.49	0.49	4.9	ug/Kg
71-43-2	Benzene	1.6	J	0.37	0.49	4.9	ug/Kg
107-06-2	1,2-Dichloroethane	4.9	U	0.49	0.49	4.9	ug/Kg
79-01-6	Trichloroethene	4.9	U	0.49	0.49	4.9	ug/Kg
78-87-5	1,2-Dichloropropane	4.9	U	0.25	0.49	4.9	ug/Kg
75-27-4	Bromodichloromethane	4.9	U	0.49	0.49	4.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	24.5	U	2.5	2.5	24.5	ug/Kg
108-88-3	Toluene	2.5	J	0.49	0.49	4.9	ug/Kg
10061-02-6	t-1,3-Dichloropropene	4.9	U	0.49	0.49	4.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	4.9	U	0.49	0.49	4.9	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-14D02	SDG No.:	H2720
Lab Sample ID:	H2720-20	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	16.4
Sample Wt/Vol:	6.1 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047956.D	1		05/02/16 17:41	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	4.9	U	0.88	0.98	4.9	ug/Kg
591-78-6	2-Hexanone	24.5	U	2.5	2.5	24.5	ug/Kg
124-48-1	Dibromochloromethane	4.9	U	0.49	0.49	4.9	ug/Kg
106-93-4	1,2-Dibromoethane	4.9	U	0.49	0.49	4.9	ug/Kg
127-18-4	Tetrachloroethene	4.9	U	0.49	0.49	4.9	ug/Kg
108-90-7	Chlorobenzene	4.9	U	0.49	0.49	4.9	ug/Kg
100-41-4	Ethyl Benzene	4.9	U	0.49	0.49	4.9	ug/Kg
179601-23-1	m/p-Xylenes	2.3	J	0.71	0.98	9.8	ug/Kg
95-47-6	o-Xylene	4.9	U	0.49	0.49	4.9	ug/Kg
100-42-5	Styrene	4.9	U	0.44	0.49	4.9	ug/Kg
75-25-2	Bromoform	4.9	U	0.73	1.5	4.9	ug/Kg
98-82-8	Isopropylbenzene	4.9	U	0.47	0.49	4.9	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	4.9	U	0.45	0.49	4.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	4.9	U	0.36	0.49	4.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	4.9	U	0.4	0.49	4.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	4.9	U	0.49	0.49	4.9	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.9	U	0.85	4.9	4.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.9	U	0.49	0.49	4.9	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.9	U	0.49	0.98	4.9	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50		56 - 120		100%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		57 - 135		102%	SPK: 50
2037-26-5	Toluene-d8	51.6		67 - 123		103%	SPK: 50
460-00-4	4-Bromofluorobenzene	39		33 - 141		78%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	559904	4.86				
540-36-3	1,4-Difluorobenzene	836248	5.59				
3114-55-4	Chlorobenzene-d5	642066	9.75				
3855-82-1	1,4-Dichlorobenzene-d4	235714	12.52				
TENTATIVE IDENTIFIED COMPOUNDS							
95-63-6	1,2,4-Trimethylbenzene	1.5	J			12.17	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-14D02	SDG No.:	H2720
Lab Sample ID:	H2720-20	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	16.4
Sample Wt/Vol:	6.1 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047956.D	1		05/02/16 17:41	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-18D24	SDG No.:	H2720
Lab Sample ID:	H2720-21	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.2
Sample Wt/Vol:	5.56 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047957.D	1		05/02/16 18:09	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	5.5	U	0.55	0.55	5.5	ug/Kg
74-87-3	Chloromethane	5.5	U	0.55	0.55	5.5	ug/Kg
75-01-4	Vinyl Chloride	5.5	U	0.55	0.55	5.5	ug/Kg
74-83-9	Bromomethane	5.5	U	1.1	1.1	5.5	ug/Kg
75-00-3	Chloroethane	5.5	U	0.55	0.55	5.5	ug/Kg
75-69-4	Trichlorofluoromethane	5.5	U	0.55	0.55	5.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5.5	U	0.55	0.55	5.5	ug/Kg
75-35-4	1,1-Dichloroethene	5.5	U	0.55	0.55	5.5	ug/Kg
67-64-1	Acetone	66.1		2.7	2.7	27.5	ug/Kg
75-15-0	Carbon Disulfide	5.5	U	0.55	0.55	5.5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5.5	U	0.55	0.55	5.5	ug/Kg
79-20-9	Methyl Acetate	5.5	U	1.1	1.1	5.5	ug/Kg
75-09-2	Methylene Chloride	5.5	U	0.55	0.55	5.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5.5	U	0.55	0.55	5.5	ug/Kg
75-34-3	1,1-Dichloroethane	5.5	U	0.55	0.55	5.5	ug/Kg
110-82-7	Cyclohexane	5.5	U	0.55	0.55	5.5	ug/Kg
78-93-3	2-Butanone	10	J	3.4	8.2	27.5	ug/Kg
56-23-5	Carbon Tetrachloride	5.5	U	0.55	0.55	5.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5.5	U	0.55	0.55	5.5	ug/Kg
74-97-5	Bromochloromethane	5.5	U	0.55	0.55	5.5	ug/Kg
67-66-3	Chloroform	5.5	U	0.55	0.55	5.5	ug/Kg
71-55-6	1,1,1-Trichloroethane	5.5	U	0.55	0.55	5.5	ug/Kg
108-87-2	Methylcyclohexane	5.5	U	0.55	0.55	5.5	ug/Kg
71-43-2	Benzene	5.5	U	0.42	0.55	5.5	ug/Kg
107-06-2	1,2-Dichloroethane	5.5	U	0.55	0.55	5.5	ug/Kg
79-01-6	Trichloroethene	5.5	U	0.55	0.55	5.5	ug/Kg
78-87-5	1,2-Dichloropropane	5.5	U	0.29	0.55	5.5	ug/Kg
75-27-4	Bromodichloromethane	5.5	U	0.55	0.55	5.5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	27.5	U	2.7	2.7	27.5	ug/Kg
108-88-3	Toluene	5.5	U	0.55	0.55	5.5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5.5	U	0.55	0.55	5.5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5.5	U	0.55	0.55	5.5	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-18D24	SDG No.:	H2720
Lab Sample ID:	H2720-21	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.2
Sample Wt/Vol:	5.56 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047957.D	1		05/02/16 18:09	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	5.5	U	0.99	1.1	5.5	ug/Kg
591-78-6	2-Hexanone	27.5	U	2.7	2.7	27.5	ug/Kg
124-48-1	Dibromochloromethane	5.5	U	0.55	0.55	5.5	ug/Kg
106-93-4	1,2-Dibromoethane	5.5	U	0.55	0.55	5.5	ug/Kg
127-18-4	Tetrachloroethene	5.5	U	0.55	0.55	5.5	ug/Kg
108-90-7	Chlorobenzene	5.5	U	0.55	0.55	5.5	ug/Kg
100-41-4	Ethyl Benzene	5.5	U	0.55	0.55	5.5	ug/Kg
179601-23-1	m/p-Xylenes	11	U	0.79	1.1	11	ug/Kg
95-47-6	o-Xylene	5.5	U	0.55	0.55	5.5	ug/Kg
100-42-5	Styrene	5.5	U	0.49	0.55	5.5	ug/Kg
75-25-2	Bromoform	5.5	U	0.81	1.6	5.5	ug/Kg
98-82-8	Isopropylbenzene	5.5	U	0.53	0.55	5.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5.5	U	0.51	0.55	5.5	ug/Kg
541-73-1	1,3-Dichlorobenzene	5.5	U	0.41	0.55	5.5	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.5	U	0.45	0.55	5.5	ug/Kg
95-50-1	1,2-Dichlorobenzene	5.5	U	0.55	0.55	5.5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.5	U	0.96	5.5	5.5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5.5	U	0.55	0.55	5.5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5.5	U	0.55	1.1	5.5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.3		56 - 120		111%	SPK: 50
1868-53-7	Dibromofluoromethane	53.6		57 - 135		107%	SPK: 50
2037-26-5	Toluene-d8	53.7		67 - 123		107%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.9		33 - 141		82%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	529671	4.86				
540-36-3	1,4-Difluorobenzene	780690	5.59				
3114-55-4	Chlorobenzene-d5	615238	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	221618	12.51				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-18D24	SDG No.:	H2720
Lab Sample ID:	H2720-21	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	18.2
Sample Wt/Vol:	5.56 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047957.D	1		05/02/16 18:09	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8260C

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
H2720-04	TB	1,2-Dichloroethane-d4	50	42.07	84	61	141
		Dibromofluoromethane	50	46.8	94	69	133
		Toluene-d8	50	48.81	98	65	126
		4-Bromofluorobenzene	50	42.61	85	58	135
H2720-05	SS1	1,2-Dichloroethane-d4	50	50.3	101	56	120
		Dibromofluoromethane	50	53.57	107	57	135
		Toluene-d8	50	53.41	107	67	123
		4-Bromofluorobenzene	50	41.19	82	33	141
H2720-06	SS2	1,2-Dichloroethane-d4	50	46.54	93	56	120
		Dibromofluoromethane	50	52.96	106	57	135
		Toluene-d8	50	51.74	103	67	123
		4-Bromofluorobenzene	50	33.88	68	33	141
H2720-07	SS3	1,2-Dichloroethane-d4	50	51.24	102	56	120
		Dibromofluoromethane	50	54.94	110	57	135
		Toluene-d8	50	52.91	106	67	123
		4-Bromofluorobenzene	50	36.71	73	33	141
H2720-08	SS4	1,2-Dichloroethane-d4	50	48.35	97	56	120
		Dibromofluoromethane	50	50.65	101	57	135
		Toluene-d8	50	49.49	99	67	123
		4-Bromofluorobenzene	50	42.3	85	33	141
H2720-09	SS5	1,2-Dichloroethane-d4	50	56.44	113	56	120
		Dibromofluoromethane	50	59.61	119	57	135
		Toluene-d8	50	56.56	113	67	123
		4-Bromofluorobenzene	50	42.68	85	33	141
H2720-10MS	SS5MS	1,2-Dichloroethane-d4	50	49.32	99	56	120
		Dibromofluoromethane	50	55.33	111	57	135
		Toluene-d8	50	56.57	113	67	123
		4-Bromofluorobenzene	50	45.12	90	33	141
H2720-11MSD	SS5MSD	1,2-Dichloroethane-d4	50	49.03	98	56	120
		Dibromofluoromethane	50	50.54	101	57	135
		Toluene-d8	50	52.95	106	67	123
		4-Bromofluorobenzene	50	39.39	79	33	141
H2720-12	SS6	1,2-Dichloroethane-d4	50	51.11	102	56	120
		Dibromofluoromethane	50	54.7	109	57	135
		Toluene-d8	50	50.22	100	67	123
		4-Bromofluorobenzene	50	32.12	64	33	141
H2720-13	SS7	1,2-Dichloroethane-d4	50	44.46	89	56	120
		Dibromofluoromethane	50	50.99	102	57	135
		Toluene-d8	50	53.78	108	67	123
		4-Bromofluorobenzene	50	41.4	83	33	141
H2720-14	DUP	1,2-Dichloroethane-d4	50	55.38	111	56	120
		Dibromofluoromethane	50	60.1	120	57	135
		Toluene-d8	50	55.96	112	67	123
		4-Bromofluorobenzene	50	41.9	84	33	141
H2720-15	TP-6D02	1,2-Dichloroethane-d4	50	46.65	93	56	120
		Dibromofluoromethane	50	51.37	103	57	135
		Toluene-d8	50	52.7	105	67	123
		4-Bromofluorobenzene	50	40.08	80	33	141
H2720-16	TP-8D46	1,2-Dichloroethane-d4	50	54.86	110	56	120
		Dibromofluoromethane	50	51.59	103	57	135
		Toluene-d8	50	54.25	109	67	123
		4-Bromofluorobenzene	50	40.56	81	33	141

Surrogate Summary

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8260C

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
H2720-17	TP-10D46	1,2-Dichloroethane-d4	50	55.92	112	56	120
		Dibromofluoromethane	50	55.25	111	57	135
		Toluene-d8	50	56.82	114	67	123
		4-Bromofluorobenzene	50	42.58	85	33	141
H2720-18	TP-11D24	1,2-Dichloroethane-d4	50	54.01	108	56	120
		Dibromofluoromethane	50	54.96	110	57	135
		Toluene-d8	50	56.52	113	67	123
		4-Bromofluorobenzene	50	48.14	96	33	141
H2720-19	TP-13D24	1,2-Dichloroethane-d4	50	52.1	104	56	120
		Dibromofluoromethane	50	54.18	108	57	135
		Toluene-d8	50	55.37	111	67	123
		4-Bromofluorobenzene	50	44.71	89	33	141
H2720-20	TP-14D02	1,2-Dichloroethane-d4	50	50.02	100	56	120
		Dibromofluoromethane	50	50.86	102	57	135
		Toluene-d8	50	51.61	103	67	123
		4-Bromofluorobenzene	50	38.97	78	33	141
H2720-21	TP-18D24	1,2-Dichloroethane-d4	50	55.25	111	56	120
		Dibromofluoromethane	50	53.6	107	57	135
		Toluene-d8	50	53.68	107	67	123
		4-Bromofluorobenzene	50	40.93	82	33	141
VF0501SBL01	VF0501SBL01	1,2-Dichloroethane-d4	50	54.5	109	56	120
		Dibromofluoromethane	50	54.07	108	57	135
		Toluene-d8	50	53.02	106	67	123
		4-Bromofluorobenzene	50	45.88	92	33	141
VF0501SBS01	VF0501SBS01	1,2-Dichloroethane-d4	50	53.52	107	56	120
		Dibromofluoromethane	50	50.6	101	57	135
		Toluene-d8	50	52.72	105	67	123
		4-Bromofluorobenzene	50	49.95	100	33	141
VF0502SBL01	VF0502SBL01	1,2-Dichloroethane-d4	50	46.25	93	56	120
		Dibromofluoromethane	50	47.04	94	57	135
		Toluene-d8	50	47.54	95	67	123
		4-Bromofluorobenzene	50	42.61	85	33	141
VF0502SBS01	VF0502SBS01	1,2-Dichloroethane-d4	50	51.75	104	56	120
		Dibromofluoromethane	50	47.37	95	57	135
		Toluene-d8	50	52.56	105	67	123
		4-Bromofluorobenzene	50	48.27	97	33	141
VN0503WBL01	VN0503WBL01	1,2-Dichloroethane-d4	50	42.14	84	61	141
		Dibromofluoromethane	50	47.24	94	69	133
		Toluene-d8	50	48.15	96	65	126
		4-Bromofluorobenzene	50	41.9	84	58	135
VN0503WBS02	VN0503WBS02	1,2-Dichloroethane-d4	50	48.1	96	61	141
		Dibromofluoromethane	50	47.85	96	69	133
		Toluene-d8	50	47.49	95	65	126
		4-Bromofluorobenzene	50	44.59	89	58	135
VN0503WBSD0	VN0503WBSD02	1,2-Dichloroethane-d4	50	51.49	103	61	141
		Dibromofluoromethane	50	49.61	99	69	133
		Toluene-d8	50	49.77	100	65	126
		4-Bromofluorobenzene	50	47.37	95	58	135

Matrix Spike/Matrix Spike Duplicate Summary SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8260C

		Sample				Rec	RPD		Limits		
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID :	H2720-10MS	Client Sample ID :	SS5MS					Datafile :	VF047930.D		
Dichlorodifluoromethane	56.8	0	49.7	ug/Kg	88				44	157	
Chloromethane	56.8	0	46	ug/Kg	81				51	144	
Vinyl chloride	56.8	0	50.6	ug/Kg	89				56	145	
Bromomethane	56.8	0	50.3	ug/Kg	89				47	151	
Chloroethane	56.8	0	59.7	ug/Kg	105				55	158	
Trichlorofluoromethane	56.8	0	57	ug/Kg	100				63	145	
1,1,2-Trichlorotrifluoroethane	56.8	0	68	ug/Kg	120				63	141	
1,1-Dichloroethene	56.8	0	57.3	ug/Kg	101				64	140	
Acetone	280	0	110	ug/Kg	39	*			41	145	
Carbon disulfide	56.8	0	53.5	ug/Kg	94				56	139	
Methyl tert-butyl Ether	56.8	0	46.7	ug/Kg	82				64	132	
Methyl Acetate	56.8	0	100	ug/Kg	176				21	221	
Methylene Chloride	56.8	0	51.7	ug/Kg	91				59	133	
trans-1,2-Dichloroethene	56.8	0	56.2	ug/Kg	99				64	135	
1,1-Dichloroethane	56.8	0	52.7	ug/Kg	93				66	135	
Cyclohexane	56.8	0	48.9	ug/Kg	86				59	140	
2-Butanone	280	0	160	ug/Kg	57				54	137	
Carbon Tetrachloride	56.8	0	60.3	ug/Kg	106				66	137	
cis-1,2-Dichloroethene	56.8	0	53.6	ug/Kg	94				65	132	
Bromochloromethane	56.8	0	46.8	ug/Kg	82				62	125	
Chloroform	56.8	0	51.7	ug/Kg	91				68	132	
1,1,1-Trichloroethane	56.8	0	53.2	ug/Kg	94				69	138	
Methylcyclohexane	56.8	0	60.7	ug/Kg	107				54	134	
Benzene	56.8	0	55.5	ug/Kg	98				68	130	
1,2-Dichloroethane	56.8	0	53.2	ug/Kg	94				68	130	
Trichloroethene	56.8	0	57.5	ug/Kg	101				54	149	
1,2-Dichloropropane	56.8	0	55.1	ug/Kg	97				65	136	
Bromodichloromethane	56.8	0	56.4	ug/Kg	99				68	132	
4-Methyl-2-Pentanone	280	0	190	ug/Kg	68				59	137	
Toluene	56.8	0	56	ug/Kg	99				65	133	
t-1,3-Dichloropropene	56.8	0	44.6	ug/Kg	79				64	129	
cis-1,3-Dichloropropene	56.8	0	44.7	ug/Kg	79				65	129	
1,1,2-Trichloroethane	56.8	0	50.2	ug/Kg	88				66	131	
2-Hexanone	280	0	160	ug/Kg	57	*			58	133	
Dibromochloromethane	56.8	0	50.6	ug/Kg	89				67	131	
1,2-Dibromoethane	56.8	0	43.5	ug/Kg	77				65	130	
Tetrachloroethene	56.8	0	59.4	ug/Kg	105				37	161	
Chlorobenzene	56.8	0	56.9	ug/Kg	100				66	128	
Ethyl Benzene	56.8	0	58.2	ug/Kg	102				65	133	
m/p-Xylenes	110	0	120	ug/Kg	109				62	134	
o-Xylene	56.8	0	59.8	ug/Kg	105				65	133	
Styrene	56.8	0	52.4	ug/Kg	92				66	127	
Bromoform	56.8	0	47.8	ug/Kg	84				68	131	
Isopropylbenzene	56.8	0	70.8	ug/Kg	125				64	139	
1,1,2,2-Tetrachloroethane	56.8	0	57.3	ug/Kg	101				48	150	
1,3-Dichlorobenzene	56.8	0	56.9	ug/Kg	100				60	129	
1,4-Dichlorobenzene	56.8	0	57.5	ug/Kg	101				59	128	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8260C

Parameter	Spike	Sample	Result	Units	Rec			RPD	Low	Limits	
		Result			Qual	RPD	Qual	High		RPD	
1,2-Dichlorobenzene	56.8	0	56.2	ug/Kg	99				63	127	
1,2-Dibromo-3-Chloropropane	56.8	0	45.9	ug/Kg	81				65	137	
1,2,4-Trichlorobenzene	56.8	0	40.5	ug/Kg	71				38	131	
1,2,3-Trichlorobenzene	56.8	0	34.2	ug/Kg	60				26	131	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2720Client: LaBella Associates P.C.Analytical Method: SW8260C

Parameter	Spike	Sample	Result	Units	Rec		RPD		Limits		RPD
		Result			Qual	RPD	Qual	Low	High		
Lab Sample ID :	H2720-11MSD	Client Sample ID :	SS5MSD					Datafile :	VF047931.D		
Dichlorodifluoromethane	56.3	0	53.9	ug/Kg	96		9		44	157	20
Chloromethane	56.3	0	50.1	ug/Kg	89		9		51	144	20
Vinyl chloride	56.3	0	56	ug/Kg	99		11		56	145	20
Bromomethane	56.3	0	52.4	ug/Kg	93		5		47	151	20
Chloroethane	56.3	0	59.8	ug/Kg	106		1		55	158	20
Trichlorofluoromethane	56.3	0	60.6	ug/Kg	108		7		63	145	20
1,1,2-Trichlorotrifluoroethane	56.3	0	61.7	ug/Kg	110		9		63	141	20
1,1-Dichloroethene	56.3	0	62.7	ug/Kg	111		10		64	140	20
Acetone	280	0	160	ug/Kg	57		37	*	41	145	20
Carbon disulfide	56.3	0	55.4	ug/Kg	98		4		56	139	20
Methyl tert-butyl Ether	56.3	0	54.5	ug/Kg	97		16		64	132	20
Methyl Acetate	56.3	0	140	ug/Kg	249	*	34	*	21	221	20
Methylene Chloride	56.3	0	53.5	ug/Kg	95		4		59	133	20
trans-1,2-Dichloroethene	56.3	0	57.7	ug/Kg	102		4		64	135	20
1,1-Dichloroethane	56.3	0	59.2	ug/Kg	105		12		66	135	20
Cyclohexane	56.3	0	50.3	ug/Kg	89		4		59	140	20
2-Butanone	280	0	200	ug/Kg	71		22	*	54	137	20
Carbon Tetrachloride	56.3	0	58.9	ug/Kg	105		1		66	137	20
cis-1,2-Dichloroethene	56.3	0	57.1	ug/Kg	101		7		65	132	20
Bromochloromethane	56.3	0	52.1	ug/Kg	93		12		62	125	20
Chloroform	56.3	0	56.4	ug/Kg	100		10		68	132	20
1,1,1-Trichloroethane	56.3	0	52.3	ug/Kg	93		1		69	138	20
Methylcyclohexane	56.3	0	56.9	ug/Kg	101		6		54	134	20
Benzene	56.3	0	56.8	ug/Kg	101		3		68	130	20
1,2-Dichloroethane	56.3	0	56.9	ug/Kg	101		8		68	130	20
Trichloroethene	56.3	0	59.8	ug/Kg	106		5		54	149	20
1,2-Dichloropropane	56.3	0	58.6	ug/Kg	104		7		65	136	20
Bromodichloromethane	56.3	0	59.8	ug/Kg	106		7		68	132	20
4-Methyl-2-Pentanone	280	0	230	ug/Kg	82		19		59	137	20
Toluene	56.3	0	57	ug/Kg	101		3		65	133	20
t-1,3-Dichloropropene	56.3	0	48	ug/Kg	85		8		64	129	20
cis-1,3-Dichloropropene	56.3	0	49.9	ug/Kg	89		12		65	129	20
1,1,2-Trichloroethane	56.3	0	53.9	ug/Kg	96		8		66	131	20
2-Hexanone	280	0	200	ug/Kg	71		22	*	58	133	20
Dibromochloromethane	56.3	0	55.7	ug/Kg	99		10		67	131	20
1,2-Dibromoethane	56.3	0	49.9	ug/Kg	89		15		65	130	20
Tetrachloroethene	56.3	0	61.3	ug/Kg	109		4		37	161	20
Chlorobenzene	56.3	0	57.1	ug/Kg	101		1		66	128	20
Ethyl Benzene	56.3	0	60.8	ug/Kg	108		5		65	133	20
m/p-Xylenes	110	0	120	ug/Kg	109		0		62	134	20
o-Xylene	56.3	0	61	ug/Kg	108		3		65	133	20
Styrene	56.3	0	52.9	ug/Kg	94		2		66	127	20
Bromoform	56.3	0	57.8	ug/Kg	103		20		68	131	20
Isopropylbenzene	56.3	0	71.7	ug/Kg	127		2		64	139	20
1,1,2,2-Tetrachloroethane	56.3	0	68.6	ug/Kg	122		19		48	150	20
1,3-Dichlorobenzene	56.3	0	55.8	ug/Kg	99		1		60	129	20
1,4-Dichlorobenzene	56.3	0	59.2	ug/Kg	105		4		59	128	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8260C

Parameter	Spike	Sample	Result	Units	Rec			RPD	Low	Limits	
		Result			Qual	RPD	Qual	High		RPD	
1,2-Dichlorobenzene	56.3	0	57.7	ug/Kg	102		4		63	127	20
1,2-Dibromo-3-Chloropropane	56.3	0	62.5	ug/Kg	111		31	*	65	137	20
1,2,4-Trichlorobenzene	56.3	0	42.5	ug/Kg	75		6		38	131	20
1,2,3-Trichlorobenzene	56.3	0	39	ug/Kg	69		14		26	131	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8260C

Datafile : VF047923.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VF0501SBS01	Dichlorodifluoromethane	20	20.7	ug/Kg	104			50	142	
	Chloromethane	20	19.7	ug/Kg	99			65	131	
	Vinyl chloride	20	20.1	ug/Kg	101			67	130	
	Bromomethane	20	20.2	ug/Kg	101			64	136	
	Chloroethane	20	20	ug/Kg	100			66	146	
	Trichlorofluoromethane	20	19.1	ug/Kg	96			72	134	
	1,1,2-Trichlorotrifluoroethane	20	15.9	ug/Kg	79			73	133	
	1,1-Dichloroethene	20	20.4	ug/Kg	102			74	130	
	Acetone	100	92.2	ug/Kg	92			57	135	
	Carbon disulfide	20	18.6	ug/Kg	93			71	130	
	Methyl tert-butyl Ether	20	19.7	ug/Kg	99			76	123	
	Methyl Acetate	20	19.8	ug/Kg	99			62	146	
	Methylene Chloride	20	19.5	ug/Kg	98			73	134	
	trans-1,2-Dichloroethene	20	21.2	ug/Kg	106			76	125	
	1,1-Dichloroethane	20	18.7	ug/Kg	94			78	124	
	Cyclohexane	20	18.8	ug/Kg	94			72	130	
	2-Butanone	100	100	ug/Kg	100			68	132	
	Carbon Tetrachloride	20	18.4	ug/Kg	92			76	127	
	cis-1,2-Dichloroethene	20	19.5	ug/Kg	98			78	122	
	Bromochloromethane	20	21	ug/Kg	105			66	133	
	Chloroform	20	19.7	ug/Kg	99			79	122	
	1,1,1-Trichloroethane	20	17.9	ug/Kg	90			76	126	
	Methylcyclohexane	20	21.1	ug/Kg	106			75	127	
	Benzene	20	19.7	ug/Kg	99			79	124	
	1,2-Dichloroethane	20	19.1	ug/Kg	96			78	124	
	Trichloroethene	20	19.3	ug/Kg	97			78	124	
	1,2-Dichloropropane	20	19	ug/Kg	95			76	124	
	Bromodichloromethane	20	20.6	ug/Kg	103			78	122	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			73	135	
	Toluene	20	19.9	ug/Kg	100			78	124	
	t-1,3-Dichloropropene	20	20	ug/Kg	100			77	123	
	cis-1,3-Dichloropropene	20	19.9	ug/Kg	100			79	120	
	1,1,2-Trichloroethane	20	19.3	ug/Kg	97			78	123	
	2-Hexanone	100	98.2	ug/Kg	98			71	134	
	Dibromochloromethane	20	19.3	ug/Kg	97			77	121	
	1,2-Dibromoethane	20	19.5	ug/Kg	98			78	123	
	Tetrachloroethene	20	19.3	ug/Kg	97			67	134	
	Chlorobenzene	20	19.1	ug/Kg	96			80	121	
	Ethyl Benzene	20	20.1	ug/Kg	101			80	123	
	m/p-Xylenes	40	39.9	ug/Kg	100			79	126	
	o-Xylene	20	20.4	ug/Kg	102			80	122	
	Styrene	20	19.1	ug/Kg	96			81	121	
	Bromoform	20	19.3	ug/Kg	97			73	124	
	Isopropylbenzene	20	19.6	ug/Kg	98			79	123	
	1,1,2,2-Tetrachloroethane	20	19.9	ug/Kg	100			79	124	
	1,3-Dichlorobenzene	20	19	ug/Kg	95			82	120	
	1,4-Dichlorobenzene	20	19.4	ug/Kg	97			81	120	
	1,2-Dichlorobenzene	20	19.4	ug/Kg	97			82	118	
	1,2-Dibromo-3-Chloropropane	20	20.2	ug/Kg	101			72	127	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2720
Client: LaBella Associates P.C.
Analytical Method: SW8260C

Datafile : VF047923.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VF0501SBS01	1,2,4-Trichlorobenzene	20	19.1	ug/Kg	96			75	125	
	1,2,3-Trichlorobenzene	20	18.6	ug/Kg	93			79	123	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8260C Datafile : VF047946.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VF0502SBS01	Dichlorodifluoromethane	20	21.3	ug/Kg	106			50	142	
	Chloromethane	20	20.2	ug/Kg	101			65	131	
	Vinyl chloride	20	19.9	ug/Kg	100			67	130	
	Bromomethane	20	19.6	ug/Kg	98			64	136	
	Chloroethane	20	21.2	ug/Kg	106			66	146	
	Trichlorofluoromethane	20	21.9	ug/Kg	110			72	134	
	1,1,2-Trichlorotrifluoroethane	20	22.6	ug/Kg	113			73	133	
	1,1-Dichloroethene	20	21.4	ug/Kg	107			74	130	
	Acetone	100	95	ug/Kg	95			57	135	
	Carbon disulfide	20	19.6	ug/Kg	98			71	130	
	Methyl tert-butyl Ether	20	19.6	ug/Kg	98			76	123	
	Methyl Acetate	20	19.8	ug/Kg	99			62	146	
	Methylene Chloride	20	19.9	ug/Kg	100			73	134	
	trans-1,2-Dichloroethene	20	20.2	ug/Kg	101			76	125	
	1,1-Dichloroethane	20	20	ug/Kg	100			78	124	
	Cyclohexane	20	19.6	ug/Kg	98			72	130	
	2-Butanone	100	100	ug/Kg	100			68	132	
	Carbon Tetrachloride	20	19.6	ug/Kg	98			76	127	
	cis-1,2-Dichloroethene	20	20.1	ug/Kg	101			78	122	
	Bromochloromethane	20	20.8	ug/Kg	104			66	133	
	Chloroform	20	20.6	ug/Kg	103			79	122	
	1,1,1-Trichloroethane	20	19.3	ug/Kg	97			76	126	
	Methylcyclohexane	20	19.5	ug/Kg	98			75	127	
	Benzene	20	19.7	ug/Kg	99			79	124	
	1,2-Dichloroethane	20	20.1	ug/Kg	101			78	124	
	Trichloroethene	20	20.6	ug/Kg	103			78	124	
	1,2-Dichloropropane	20	20.2	ug/Kg	101			76	124	
	Bromodichloromethane	20	20.9	ug/Kg	104			78	122	
	4-Methyl-2-Pentanone	100	99.2	ug/Kg	99			73	135	
	Toluene	20	21	ug/Kg	105			78	124	
	t-1,3-Dichloropropene	20	19.8	ug/Kg	99			77	123	
	cis-1,3-Dichloropropene	20	20	ug/Kg	100			79	120	
	1,1,2-Trichloroethane	20	20.1	ug/Kg	101			78	123	
	2-Hexanone	100	97.5	ug/Kg	98			71	134	
	Dibromochloromethane	20	19.2	ug/Kg	96			77	121	
	1,2-Dibromoethane	20	19.2	ug/Kg	96			78	123	
	Tetrachloroethene	20	20.8	ug/Kg	104			67	134	
	Chlorobenzene	20	20.8	ug/Kg	104			80	121	
	Ethyl Benzene	20	21.1	ug/Kg	106			80	123	
	m/p-Xylenes	40	43.2	ug/Kg	108			79	126	
	o-Xylene	20	22.2	ug/Kg	111			80	122	
	Styrene	20	20.7	ug/Kg	104			81	121	
	Bromoform	20	20.1	ug/Kg	101			73	124	
	Isopropylbenzene	20	21	ug/Kg	105			79	123	
	1,1,2,2-Tetrachloroethane	20	19.7	ug/Kg	99			79	124	
	1,3-Dichlorobenzene	20	19.8	ug/Kg	99			82	120	
	1,4-Dichlorobenzene	20	20.6	ug/Kg	103			81	120	
	1,2-Dichlorobenzene	20	20.5	ug/Kg	103			82	118	
	1,2-Dibromo-3-Chloropropane	20	18.9	ug/Kg	95			72	127	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2720
Client: LaBella Associates P.C.
Analytical Method: SW8260C

Datafile : VF047946.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VF0502SBS01	1,2,4-Trichlorobenzene	20	22	ug/Kg	110			75	125	
	1,2,3-Trichlorobenzene	20	20.2	ug/Kg	101			79	123	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8260C **Datafile :** VN032480.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VN0503WBS02	Dichlorodifluoromethane	20	17.3	ug/L	86			46	139	
	Chloromethane	20	19.5	ug/L	98			58	139	
	Vinyl chloride	20	18.9	ug/L	95			65	137	
	Bromomethane	20	16.3	ug/L	81			50	162	
	Chloroethane	20	19.5	ug/L	98			54	160	
	Trichlorofluoromethane	20	19.2	ug/L	96			67	143	
	1,1,2-Trichlorotrifluoroethane	20	19	ug/L	95			71	136	
	1,1-Dichloroethene	20	18.8	ug/L	94			69	134	
	Acetone	100	85.4	ug/L	85			41	181	
	Carbon disulfide	20	18.4	ug/L	92			63	138	
	Methyl tert-butyl Ether	20	19.3	ug/L	97			72	136	
	Methyl Acetate	20	20.8	ug/L	104			51	158	
	Methylene Chloride	20	19.9	ug/L	100			67	138	
	trans-1,2-Dichloroethene	20	18.7	ug/L	94			72	132	
	1,1-Dichloroethane	20	19	ug/L	95			74	135	
	Cyclohexane	20	19.3	ug/L	97			67	132	
	2-Butanone	100	96.7	ug/L	97			64	146	
	Carbon Tetrachloride	20	18.6	ug/L	93			71	134	
	cis-1,2-Dichloroethene	20	18.9	ug/L	95			74	130	
	Bromochloromethane	20	18.8	ug/L	94			71	136	
	Chloroform	20	18.8	ug/L	94			74	134	
	1,1,1-Trichloroethane	20	19.1	ug/L	96			74	133	
	Methylcyclohexane	20	17.9	ug/L	90			71	125	
	Benzene	20	18.7	ug/L	94			75	125	
	1,2-Dichloroethane	20	18.3	ug/L	92			76	130	
	Trichloroethene	20	18.7	ug/L	94			73	127	
	1,2-Dichloropropane	20	18.6	ug/L	93			76	125	
	Bromodichloromethane	20	19.2	ug/L	96			78	127	
	4-Methyl-2-Pentanone	100	97.7	ug/L	98			71	140	
	Toluene	20	18.5	ug/L	93			74	125	
	t-1,3-Dichloropropene	20	17.8	ug/L	89			74	131	
	cis-1,3-Dichloropropene	20	18.3	ug/L	92			74	128	
	1,1,2-Trichloroethane	20	18.5	ug/L	93			75	129	
	2-Hexanone	100	95.6	ug/L	96			62	153	
	Dibromochloromethane	20	18.7	ug/L	94			74	131	
	1,2-Dibromoethane	20	18.4	ug/L	92			74	129	
	Tetrachloroethene	20	18.4	ug/L	92			46	157	
	Chlorobenzene	20	18.5	ug/L	93			76	123	
	Ethyl Benzene	20	18.5	ug/L	93			75	126	
	m/p-Xylenes	40	36.4	ug/L	91			74	126	
	o-Xylene	20	18.8	ug/L	94			73	127	
	Styrene	20	18.3	ug/L	92			75	126	
	Bromoform	20	19.5	ug/L	98			66	130	
	Isopropylbenzene	20	19.2	ug/L	96			70	127	
	1,1,2,2-Tetrachloroethane	20	20.3	ug/L	102			66	131	
	1,3-Dichlorobenzene	20	18.6	ug/L	93			70	125	
	1,4-Dichlorobenzene	20	18.8	ug/L	94			71	124	
	1,2-Dichlorobenzene	20	19.2	ug/L	96			71	126	
	1,2-Dibromo-3-Chloropropane	20	19.4	ug/L	97			62	134	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2720
Client: LaBella Associates P.C.
Analytical Method: SW8260C

Datafile : VN032480.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VN0503WBS02	1,2,4-Trichlorobenzene	20	18.3	ug/L	92			62	129	
	1,2,3-Trichlorobenzene	20	18.5	ug/L	93			58	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8260C

Datafile : VN032481.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VN0503WBSD02	Dichlorodifluoromethane	20	19.5	ug/L	98	13		46	139	20
	Chloromethane	20	20.6	ug/L	103	5		58	139	20
	Vinyl chloride	20	19.6	ug/L	98	3		65	137	20
	Bromomethane	20	17.9	ug/L	90	11		50	162	20
	Chloroethane	20	21	ug/L	105	7		54	160	20
	Trichlorofluoromethane	20	20.6	ug/L	103	7		67	143	20
	1,1,2-Trichlorotrifluoroethane	20	21.1	ug/L	106	11		71	136	20
	1,1-Dichloroethene	20	21	ug/L	105	11		69	134	20
	Acetone	100	87.7	ug/L	88	3		41	181	20
	Carbon disulfide	20	19.9	ug/L	100	8		63	138	20
	Methyl tert-butyl Ether	20	20.6	ug/L	103	6		72	136	20
	Methyl Acetate	20	22.7	ug/L	114	9		51	158	20
	Methylene Chloride	20	21	ug/L	105	5		67	138	20
	trans-1,2-Dichloroethene	20	20.8	ug/L	104	10		72	132	20
	1,1-Dichloroethane	20	20.5	ug/L	103	8		74	135	20
	Cyclohexane	20	20.9	ug/L	104	7		67	132	20
	2-Butanone	100	100	ug/L	100	3		64	146	20
	Carbon Tetrachloride	20	19.8	ug/L	99	6		71	134	20
	cis-1,2-Dichloroethene	20	20.4	ug/L	102	7		74	130	20
	Bromochloromethane	20	18.8	ug/L	94	0		71	136	20
	Chloroform	20	20.8	ug/L	104	10		74	134	20
	1,1,1-Trichloroethane	20	20.4	ug/L	102	6		74	133	20
	Methylcyclohexane	20	19.5	ug/L	98	9		71	125	20
	Benzene	20	19.6	ug/L	98	4		75	125	20
	1,2-Dichloroethane	20	19.2	ug/L	96	4		76	130	20
	Trichloroethene	20	20.1	ug/L	101	7		73	127	20
	1,2-Dichloropropane	20	20.1	ug/L	101	8		76	125	20
	Bromodichloromethane	20	19.9	ug/L	100	4		78	127	20
	4-Methyl-2-Pentanone	100	100	ug/L	100	2		71	140	20
	Toluene	20	20	ug/L	100	7		74	125	20
	t-1,3-Dichloropropene	20	19.2	ug/L	96	8		74	131	20
	cis-1,3-Dichloropropene	20	19.2	ug/L	96	4		74	128	20
	1,1,2-Trichloroethane	20	19.7	ug/L	99	6		75	129	20
	2-Hexanone	100	100	ug/L	100	4		62	153	20
	Dibromochloromethane	20	19.9	ug/L	100	6		74	131	20
	1,2-Dibromoethane	20	19.8	ug/L	99	7		74	129	20
	Tetrachloroethene	20	19.5	ug/L	98	6		46	157	20
	Chlorobenzene	20	19.5	ug/L	98	5		76	123	20
	Ethyl Benzene	20	19.8	ug/L	99	6		75	126	20
	m/p-Xylenes	40	38.8	ug/L	97	6		74	126	20
	o-Xylene	20	19.5	ug/L	98	4		73	127	20
	Styrene	20	19.7	ug/L	99	7		75	126	20
	Bromoform	20	20.4	ug/L	102	4		66	130	20
	Isopropylbenzene	20	20.6	ug/L	103	7		70	127	20
	1,1,2,2-Tetrachloroethane	20	21.6	ug/L	108	6		66	131	20
	1,3-Dichlorobenzene	20	20.4	ug/L	102	9		70	125	20
	1,4-Dichlorobenzene	20	20.4	ug/L	102	8		71	124	20
	1,2-Dichlorobenzene	20	20.8	ug/L	104	8		71	126	20
	1,2-Dibromo-3-Chloropropane	20	20.8	ug/L	104	7		62	134	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2720
Client: LaBella Associates P.C.
Analytical Method: SW8260C

Datafile : VN032481.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VN0503WBSD02	1,2,4-Trichlorobenzene	20	20.4	ug/L	102	10		62	129	20
	1,2,3-Trichlorobenzene	20	20.3	ug/L	102	9		58	130	20

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VF0501SBL01

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2720

SAS No.: H2720 SDG NO.: H2720

Lab File ID: VF047922.D

Lab Sample ID: VF0501SBL01

Date Analyzed: 05/01/2016

Time Analyzed: 12:52

GC Column: RTX-VMS ID: 0.18 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VF0501SBS01	VF0501SBS01	VF047923.D	05/01/2016
SS1	H2720-05	VF047925.D	05/01/2016
SS3	H2720-07	VF047927.D	05/01/2016
SS5MS	H2720-10MS	VF047930.D	05/01/2016
SS5MSD	H2720-11MSD	VF047931.D	05/01/2016
SS6	H2720-12	VF047932.D	05/01/2016
TP-8D46	H2720-16	VF047935.D	05/01/2016
TP-10D46	H2720-17	VF047936.D	05/01/2016

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VF0502SBL01

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2720

SAS No.: H2720 SDG NO.: H2720

Lab File ID: VF047945.D

Lab Sample ID: VF0502SBL01

Date Analyzed: 05/02/2016

Time Analyzed: 12:25

GC Column: RTX-VMS ID: 0.18 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VF0502SBS01	VF0502SBS01	VF047946.D	05/02/2016
SS2	H2720-06	VF047948.D	05/02/2016
SS4	H2720-08	VF047949.D	05/02/2016
SS5	H2720-09	VF047950.D	05/02/2016
SS7	H2720-13	VF047952.D	05/02/2016
DUP	H2720-14	VF047953.D	05/02/2016
TP-6D02	H2720-15	VF047954.D	05/02/2016
TP-13D24	H2720-19	VF047955.D	05/02/2016
TP-14D02	H2720-20	VF047956.D	05/02/2016
TP-18D24	H2720-21	VF047957.D	05/02/2016
TP-11D24	H2720-18	VF047958.D	05/02/2016

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0503WBL01

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2720

SAS No.: H2720 SDG NO.: H2720

Lab File ID: VN032469.D

Lab Sample ID: VN0503WBL01

Date Analyzed: 05/03/2016

Time Analyzed: 15:05

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TB	H2720-04	VN032471.D	05/03/2016
VN0503WBS02	VN0503WBS02	VN032480.D	05/03/2016
VN0503WBSD02	VN0503WBSD02	VN032481.D	05/03/2016

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: <u>CHEMTECH</u>	Contract: <u>LABE01</u>
Lab Code: <u>CHEM</u> Case No.: <u>H2720</u>	SAS No.: <u>H2720</u> SDG NO.: <u>H2720</u>
Lab File ID: <u>VF047890.D</u>	BFB Injection Date: <u>04/29/2016</u>
Instrument ID: <u>MSVOA_F</u>	BFB Injection Time: <u>11:10</u>
GC Column: <u>RTX-VMS</u> ID: <u>0.18</u> (mm)	Heated Purge: Y/N <u>Y</u>

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.3
75	30.0 - 60.0% of mass 95	41.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	90.2
175	5.0 - 9.0% of mass 174	6.8 (7.6) 1
176	95.0 - 101.0% of mass 174	86 (95.4) 1
177	5.0 - 9.0% of mass 176	6.1 (7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VF047891.D	04/29/2016	11:46
VSTDIC010	VSTDIC010	VF047892.D	04/29/2016	12:14
VSTDIC020	VSTDIC020	VF047893.D	04/29/2016	12:43
VSTDIC050	VSTDIC050	VF047894.D	04/29/2016	13:11
VSTDIC075	VSTDIC075	VF047895.D	04/29/2016	13:40
VSTDIC100	VSTDIC100	VF047896.D	04/29/2016	14:08

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name:	<u>CHEMTECH</u>	Contract:	<u>LABE01</u>
Lab Code:	<u>CHEM</u>	Case No.:	<u>H2720</u>
Lab File ID:	<u>VF047920.D</u>	SAS No.:	<u>H2720</u>
Instrument ID:	<u>MSVOA_F</u>	SDG NO.:	<u>H2720</u>
GC Column:	<u>RTX-VMS</u>	BFB Injection Date:	<u>05/01/2016</u>
ID:	<u>0.18</u> (mm)	BFB Injection Time:	<u>11:30</u>
		Heated Purge:	<u>Y/N</u>
			<u>Y</u>

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.7
75	30.0 - 60.0% of mass 95	38.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.6 (0.6) 1
174	50.0 - 100.0% of mass 95	92
175	5.0 - 9.0% of mass 174	6.4 (6.9) 1
176	95.0 - 101.0% of mass 174	89.3 (97) 1
177	5.0 - 9.0% of mass 176	6.2 (7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VF047921.D	05/01/2016	12:08
VF0501SBL01	VF0501SBL01	VF047922.D	05/01/2016	12:52
VF0501SBS01	VF0501SBS01	VF047923.D	05/01/2016	13:27
SS1	H2720-05	VF047925.D	05/01/2016	14:25
SS3	H2720-07	VF047927.D	05/01/2016	15:23
SS5MS	H2720-10MS	VF047930.D	05/01/2016	16:49
SS5MSD	H2720-11MSD	VF047931.D	05/01/2016	17:18
SS6	H2720-12	VF047932.D	05/01/2016	17:47
TP-8D46	H2720-16	VF047935.D	05/01/2016	19:13
TP-10D46	H2720-17	VF047936.D	05/01/2016	19:41

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: LABE01
Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
Lab File ID: VF047943.D BFB Injection Date: 05/02/2016
Instrument ID: MSVOA_F BFB Injection Time: 10:38
GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.1
75	30.0 - 60.0% of mass 95	39.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.3 (0.3) 1
174	50.0 - 100.0% of mass 95	89.4
175	5.0 - 9.0% of mass 174	6.4 (7.2) 1
176	95.0 - 101.0% of mass 174	85.8 (96) 1
177	5.0 - 9.0% of mass 176	5.2 (6.1) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VF047944.D	05/02/2016	11:16
VF0502SBL01	VF0502SBL01	VF047945.D	05/02/2016	12:25
VF0502SBS01	VF0502SBS01	VF047946.D	05/02/2016	12:53
SS2	H2720-06	VF047948.D	05/02/2016	13:50
SS4	H2720-08	VF047949.D	05/02/2016	14:19
SS5	H2720-09	VF047950.D	05/02/2016	14:48
SS7	H2720-13	VF047952.D	05/02/2016	15:45
DUP	H2720-14	VF047953.D	05/02/2016	16:14
TP-6D02	H2720-15	VF047954.D	05/02/2016	16:43
TP-13D24	H2720-19	VF047955.D	05/02/2016	17:12
TP-14D02	H2720-20	VF047956.D	05/02/2016	17:41
TP-18D24	H2720-21	VF047957.D	05/02/2016	18:09
TP-11D24	H2720-18	VF047958.D	05/02/2016	18:40

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name:	CHEMTECH		Contract:	LABE01	
Lab Code:	CHEM	Case No.:	H2720	SAS No.:	H2720
				SDG NO.:	H2720
Lab File ID:	VN032461.D		BFB Injection Date:	05/03/2016	
Instrument ID:	MSVOA_N		BFB Injection Time:	10:12	
GC Column:	RXI-624	ID:	0.25	(mm)	
			Heated Purge:	Y/N	N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24.9
75	30.0 - 60.0% of mass 95	58.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	78.7
175	5.0 - 9.0% of mass 174	6.2 (7.8) 1
176	95.0 - 101.0% of mass 174	74.8 (95.1) 1
177	5.0 - 9.0% of mass 176	5.1 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VN032462.D	05/03/2016	10:50
VSTDIC005	VSTDIC005	VN032463.D	05/03/2016	11:22
VSTDIC020	VSTDIC020	VN032464.D	05/03/2016	11:51
VSTDIC050	VSTDIC050	VN032465.D	05/03/2016	12:20
VSTDIC100	VSTDIC100	VN032466.D	05/03/2016	12:49
VSTDIC200	VSTDIC200	VN032467.D	05/03/2016	13:18
VN0503WBL01	VN0503WBL01	VN032469.D	05/03/2016	15:05
TB	H2720-04	VN032471.D	05/03/2016	16:16
VN0503WBS02	VN0503WBS02	VN032480.D	05/03/2016	20:38
VN0503WBSD02	VN0503WBSD02	VN032481.D	05/03/2016	21:07

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 Lab File ID: VF047921.D Date Analyzed: 05/01/2016
 Instrument ID: MSVOA_F Time Analyzed: 12:08
 GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	646417	4.84	972229	5.57	867699	9.72
UPPER LIMIT	1292830	5.34	1944460	6.07	1735400	10.22
LOWER LIMIT	323209	4.34	486115	5.07	433850	9.22
EPA SAMPLE NO.						
SS1	603250	4.85	902990	5.58	708655	9.73
SS3	586507	4.85	886508	5.57	643147	9.73
SS5MS	591703	4.85	835075	5.58	664946	9.74
SS5MSD	530525	4.86	773538	5.58	594904	9.74
SS6	502695	4.85	737580	5.58	516171	9.73
TP-8D46	523801	4.86	803188	5.58	651651	9.74
TP-10D46	532710	4.86	811705	5.59	664264	9.74
VF0501SBL01	575275	4.85	884214	5.58	751156	9.73
VF0501SBS01	614794	4.85	951157	5.57	834750	9.73

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 Lab File ID: VF047921.D Date Analyzed: 05/01/2016
 Instrument ID: MSVOA_F Time Analyzed: 12:08
 GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	464548	12.5				
UPPER LIMIT	929096	13				
LOWER LIMIT	232274	12				
EPA SAMPLE NO.						
SS1	282680	12.51				
SS3	261501	12.50				
SS5MS	277478	12.51				
SS5MSD	248214	12.51				
SS6	152190 *	12.51				
TP-8D46	250645	12.51				
TP-10D46	253770	12.51				
VF0501SBL01	346845	12.51				
VF0501SBS01	430050	12.50				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 Lab File ID: VF047944.D Date Analyzed: 05/02/2016
 Instrument ID: MSVOA_F Time Analyzed: 11:16
 GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	570122	4.87	831277	5.59	760073	9.75
UPPER LIMIT	1140240	5.37	1662550	6.09	1520150	10.25
LOWER LIMIT	285061	4.37	415639	5.09	380037	9.25
EPA SAMPLE NO.						
SS2	402242	4.86	578794	5.59	392838	9.75
SS4	573749	4.87	842857	5.60	726885	9.75
SS5	508719	4.87	744329	5.59	561060	9.75
SS7	418254	4.86	611419	5.58	473540	9.74
DUP	496136	4.86	741832	5.59	575362	9.75
TP-6D02	571190	4.86	830541	5.59	649536	9.75
TP-11D24	607918	4.86	933269	5.59	764510	9.74
TP-13D24	516997	4.86	791885	5.59	636422	9.75
TP-14D02	559904	4.86	836248	5.59	642066	9.75
TP-18D24	529671	4.86	780690	5.59	615238	9.74
VF0502SBL01	612763	4.86	908946	5.59	777596	9.74
VF0502SBS01	598067	4.86	940796	5.59	800779	9.75

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 Lab File ID: VF047944.D Date Analyzed: 05/02/2016
 Instrument ID: MSVOA_F Time Analyzed: 11:16
 GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	389498	12.52				
UPPER LIMIT	778996	13.02				
LOWER LIMIT	194749	12.02				
EPA SAMPLE NO.						
SS2	135853 *	12.52				
SS4	301713	12.52				
SS5	206803	12.52				
SS7	205309	12.51				
DUP	206088	12.52				
TP-6D02	247277	12.52				
TP-11D24	330099	12.51				
TP-13D24	250040	12.52				
TP-14D02	235714	12.52				
TP-18D24	221618	12.51				
VF0502SBL01	356899	12.51				
VF0502SBS01	420588	12.52				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 Lab File ID: VN032465.D Date Analyzed: 05/03/2016
 Instrument ID: MSVOA_N Time Analyzed: 12:20
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	462646	7.75	852988	8.68	749284	11.52
UPPER LIMIT	925292	8.25	1705980	9.18	1498570	12.02
LOWER LIMIT	231323	7.25	426494	8.18	374642	11.02
EPA SAMPLE NO.						
TB	500218	7.75	855152	8.68	702591	11.52
VN0503WBL01	532686	7.75	901103	8.68	731760	11.52
VN0503WBS02	443837	7.75	830422	8.68	710767	11.52
VN0503WBSD02	451786	7.75	852764	8.68	729537	11.52

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 Lab File ID: VN032465.D Date Analyzed: 05/03/2016
 Instrument ID: MSVOA_N Time Analyzed: 12:20
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	310780	13.47				
UPPER LIMIT	621560	13.97				
LOWER LIMIT	155390	12.97				
EPA SAMPLE NO.						
TB	244403	13.47				
VN0503WBL01	249987	13.47				
VN0503WBS02	280067	13.47				
VN0503WBSD02	286156	13.47				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0501SBL01	SDG No.:	H2720
Lab Sample ID:	VF0501SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047922.D	1		05/01/16 12:52	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.5	0.5	5	ug/Kg
74-87-3	Chloromethane	5	U	0.5	0.5	5	ug/Kg
75-01-4	Vinyl Chloride	5	U	0.5	0.5	5	ug/Kg
74-83-9	Bromomethane	5	U	1	1	5	ug/Kg
75-00-3	Chloroethane	5	U	0.5	0.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	5	U	0.5	0.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.5	0.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
67-64-1	Acetone	25	U	2.5	2.5	25	ug/Kg
75-15-0	Carbon Disulfide	5	U	0.5	0.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5	U	0.5	0.5	5	ug/Kg
79-20-9	Methyl Acetate	5	U	1	1	5	ug/Kg
75-09-2	Methylene Chloride	5	U	0.5	0.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	5	U	0.5	0.5	5	ug/Kg
110-82-7	Cyclohexane	5	U	0.5	0.5	5	ug/Kg
78-93-3	2-Butanone	25	U	3.1	7.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	5	U	0.5	0.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
74-97-5	Bromochloromethane	5	U	0.5	0.5	5	ug/Kg
67-66-3	Chloroform	5	U	0.5	0.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	5	U	0.5	0.5	5	ug/Kg
108-87-2	Methylcyclohexane	5	U	0.5	0.5	5	ug/Kg
71-43-2	Benzene	5	U	0.38	0.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	5	U	0.5	0.5	5	ug/Kg
79-01-6	Trichloroethene	5	U	0.5	0.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	5	U	0.26	0.5	5	ug/Kg
75-27-4	Bromodichloromethane	5	U	0.5	0.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	25	U	2.5	2.5	25	ug/Kg
108-88-3	Toluene	5	U	0.5	0.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5	U	0.5	0.5	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5	U	0.5	0.5	5	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0501SBL01	SDG No.:	H2720
Lab Sample ID:	VF0501SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047922.D	1		05/01/16 12:52	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	5	U	0.9	1	5	ug/Kg
591-78-6	2-Hexanone	25	U	2.5	2.5	25	ug/Kg
124-48-1	Dibromochloromethane	5	U	0.5	0.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	5	U	0.5	0.5	5	ug/Kg
127-18-4	Tetrachloroethene	5	U	0.5	0.5	5	ug/Kg
108-90-7	Chlorobenzene	5	U	0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	5	U	0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	10	U	0.72	1	10	ug/Kg
95-47-6	o-Xylene	5	U	0.5	0.5	5	ug/Kg
100-42-5	Styrene	5	U	0.45	0.5	5	ug/Kg
75-25-2	Bromoform	5	U	0.74	1.5	5	ug/Kg
98-82-8	Isopropylbenzene	5	U	0.48	0.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.46	0.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	5	U	0.37	0.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	5	U	0.41	0.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	5	U	0.5	0.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.87	5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5	U	0.5	0.5	5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5	U	0.5	1	5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54.5		56 - 120		109%	SPK: 50
1868-53-7	Dibromofluoromethane	54.1		57 - 135		108%	SPK: 50
2037-26-5	Toluene-d8	53		67 - 123		106%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.9		33 - 141		92%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	575275	4.85				
540-36-3	1,4-Difluorobenzene	884214	5.58				
3114-55-4	Chlorobenzene-d5	751156	9.73				
3855-82-1	1,4-Dichlorobenzene-d4	346845	12.51				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0501SBL01	SDG No.:	H2720
Lab Sample ID:	VF0501SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047922.D	1		05/01/16 12:52	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0502SBL01	SDG No.:	H2720
Lab Sample ID:	VF0502SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047945.D	1		05/02/16 12:25	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.5	0.5	5	ug/Kg
74-87-3	Chloromethane	5	U	0.5	0.5	5	ug/Kg
75-01-4	Vinyl Chloride	5	U	0.5	0.5	5	ug/Kg
74-83-9	Bromomethane	5	U	1	1	5	ug/Kg
75-00-3	Chloroethane	5	U	0.5	0.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	5	U	0.5	0.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.5	0.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
67-64-1	Acetone	25	U	2.5	2.5	25	ug/Kg
75-15-0	Carbon Disulfide	5	U	0.5	0.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	5	U	0.5	0.5	5	ug/Kg
79-20-9	Methyl Acetate	5	U	1	1	5	ug/Kg
75-09-2	Methylene Chloride	5	U	0.5	0.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	5	U	0.5	0.5	5	ug/Kg
110-82-7	Cyclohexane	5	U	0.5	0.5	5	ug/Kg
78-93-3	2-Butanone	25	U	3.1	7.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	5	U	0.5	0.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	5	U	0.5	0.5	5	ug/Kg
74-97-5	Bromochloromethane	5	U	0.5	0.5	5	ug/Kg
67-66-3	Chloroform	5	U	0.5	0.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	5	U	0.5	0.5	5	ug/Kg
108-87-2	Methylcyclohexane	5	U	0.5	0.5	5	ug/Kg
71-43-2	Benzene	5	U	0.38	0.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	5	U	0.5	0.5	5	ug/Kg
79-01-6	Trichloroethene	5	U	0.5	0.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	5	U	0.26	0.5	5	ug/Kg
75-27-4	Bromodichloromethane	5	U	0.5	0.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	25	U	2.5	2.5	25	ug/Kg
108-88-3	Toluene	5	U	0.5	0.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	5	U	0.5	0.5	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	5	U	0.5	0.5	5	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0502SBL01	SDG No.:	H2720
Lab Sample ID:	VF0502SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047945.D	1		05/02/16 12:25	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	5	U	0.9	1	5	ug/Kg
591-78-6	2-Hexanone	25	U	2.5	2.5	25	ug/Kg
124-48-1	Dibromochloromethane	5	U	0.5	0.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	5	U	0.5	0.5	5	ug/Kg
127-18-4	Tetrachloroethene	5	U	0.5	0.5	5	ug/Kg
108-90-7	Chlorobenzene	5	U	0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	5	U	0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	10	U	0.72	1	10	ug/Kg
95-47-6	o-Xylene	5	U	0.5	0.5	5	ug/Kg
100-42-5	Styrene	5	U	0.45	0.5	5	ug/Kg
75-25-2	Bromoform	5	U	0.74	1.5	5	ug/Kg
98-82-8	Isopropylbenzene	5	U	0.48	0.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.46	0.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	5	U	0.37	0.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	5	U	0.41	0.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	5	U	0.5	0.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.87	5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	5	U	0.5	0.5	5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5	U	0.5	1	5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	46.3		56 - 120		93%	SPK: 50
1868-53-7	Dibromofluoromethane	47		57 - 135		94%	SPK: 50
2037-26-5	Toluene-d8	47.5		67 - 123		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.6		33 - 141		85%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	612763	4.86				
540-36-3	1,4-Difluorobenzene	908946	5.59				
3114-55-4	Chlorobenzene-d5	777596	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	356899	12.51				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0502SBL01	SDG No.:	H2720
Lab Sample ID:	VF0502SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047945.D	1		05/02/16 12:25	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VN0503WBL01	SDG No.:	H2720
Lab Sample ID:	VN0503WBL01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032469.D	1		05/03/16 15:05	VN050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	25	U	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	5	U	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	25	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VN0503WBL01	SDG No.:	H2720
Lab Sample ID:	VN0503WBL01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032469.D	1		05/03/16 15:05	VN050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	10	U	0.95	1	10	ug/L
95-47-6	o-Xylene	5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	42.1		61 - 141		84%	SPK: 50
1868-53-7	Dibromofluoromethane	47.2		69 - 133		94%	SPK: 50
2037-26-5	Toluene-d8	48.2		65 - 126		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.9		58 - 135		84%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	532686	7.75				
540-36-3	1,4-Difluorobenzene	901103	8.68				
3114-55-4	Chlorobenzene-d5	731760	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	249987	13.47				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VN0503WBL01	SDG No.:	H2720
Lab Sample ID:	VN0503WBL01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032469.D	1		05/03/16 15:05	VN050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0501SBS01	SDG No.:	H2720
Lab Sample ID:	VF0501SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047923.D	1		05/01/16 13:27	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	20.7		0.5	0.5	5	ug/Kg
74-87-3	Chloromethane	19.7		0.5	0.5	5	ug/Kg
75-01-4	Vinyl Chloride	20.1		0.5	0.5	5	ug/Kg
74-83-9	Bromomethane	20.2		1	1	5	ug/Kg
75-00-3	Chloroethane	20		0.5	0.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	19.1		0.5	0.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	15.9		0.5	0.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	20.4		0.5	0.5	5	ug/Kg
67-64-1	Acetone	92.2		2.5	2.5	25	ug/Kg
75-15-0	Carbon Disulfide	18.6		0.5	0.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.7		0.5	0.5	5	ug/Kg
79-20-9	Methyl Acetate	19.8		1	1	5	ug/Kg
75-09-2	Methylene Chloride	19.5		0.5	0.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.2		0.5	0.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	18.7		0.5	0.5	5	ug/Kg
110-82-7	Cyclohexane	18.8		0.5	0.5	5	ug/Kg
78-93-3	2-Butanone	100		3.1	7.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	18.4		0.5	0.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.5		0.5	0.5	5	ug/Kg
74-97-5	Bromochloromethane	21		0.5	0.5	5	ug/Kg
67-66-3	Chloroform	19.7		0.5	0.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	17.9		0.5	0.5	5	ug/Kg
108-87-2	Methylcyclohexane	21.1		0.5	0.5	5	ug/Kg
71-43-2	Benzene	19.7		0.38	0.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	19.1		0.5	0.5	5	ug/Kg
79-01-6	Trichloroethene	19.3		0.5	0.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	19		0.26	0.5	5	ug/Kg
75-27-4	Bromodichloromethane	20.6		0.5	0.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		2.5	2.5	25	ug/Kg
108-88-3	Toluene	19.9		0.5	0.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	20		0.5	0.5	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	19.9		0.5	0.5	5	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0501SBS01	SDG No.:	H2720
Lab Sample ID:	VF0501SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047923.D	1		05/01/16 13:27	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	19.3		0.9	1	5	ug/Kg
591-78-6	2-Hexanone	98.2		2.5	2.5	25	ug/Kg
124-48-1	Dibromochloromethane	19.3		0.5	0.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	19.5		0.5	0.5	5	ug/Kg
127-18-4	Tetrachloroethene	19.3		0.5	0.5	5	ug/Kg
108-90-7	Chlorobenzene	19.1		0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	20.1		0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	39.9		0.72	1	10	ug/Kg
95-47-6	o-Xylene	20.4		0.5	0.5	5	ug/Kg
100-42-5	Styrene	19.1		0.45	0.5	5	ug/Kg
75-25-2	Bromoform	19.3		0.74	1.5	5	ug/Kg
98-82-8	Isopropylbenzene	19.6		0.48	0.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.9		0.46	0.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	19		0.37	0.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.4		0.41	0.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.4		0.5	0.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	20.2		0.87	5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	19.1		0.5	0.5	5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	18.6		0.5	1	5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.5		56 - 120		107%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		57 - 135		101%	SPK: 50
2037-26-5	Toluene-d8	52.7		67 - 123		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	50		33 - 141		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	614794	4.85				
540-36-3	1,4-Difluorobenzene	951157	5.57				
3114-55-4	Chlorobenzene-d5	834750	9.73				
3855-82-1	1,4-Dichlorobenzene-d4	430050	12.5				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0501SBS01	SDG No.:	H2720
Lab Sample ID:	VF0501SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047923.D	1		05/01/16 13:27	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0502SBS01	SDG No.:	H2720
Lab Sample ID:	VF0502SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047946.D	1		05/02/16 12:53	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	21.3		0.5	0.5	5	ug/Kg
74-87-3	Chloromethane	20.2		0.5	0.5	5	ug/Kg
75-01-4	Vinyl Chloride	19.9		0.5	0.5	5	ug/Kg
74-83-9	Bromomethane	19.6		1	1	5	ug/Kg
75-00-3	Chloroethane	21.2		0.5	0.5	5	ug/Kg
75-69-4	Trichlorofluoromethane	21.9		0.5	0.5	5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.6		0.5	0.5	5	ug/Kg
75-35-4	1,1-Dichloroethene	21.4		0.5	0.5	5	ug/Kg
67-64-1	Acetone	95		2.5	2.5	25	ug/Kg
75-15-0	Carbon Disulfide	19.6		0.5	0.5	5	ug/Kg
1634-04-4	Methyl tert-butyl Ether	19.6		0.5	0.5	5	ug/Kg
79-20-9	Methyl Acetate	19.8		1	1	5	ug/Kg
75-09-2	Methylene Chloride	19.9		0.5	0.5	5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.2		0.5	0.5	5	ug/Kg
75-34-3	1,1-Dichloroethane	20		0.5	0.5	5	ug/Kg
110-82-7	Cyclohexane	19.6		0.5	0.5	5	ug/Kg
78-93-3	2-Butanone	100		3.1	7.5	25	ug/Kg
56-23-5	Carbon Tetrachloride	19.6		0.5	0.5	5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.1		0.5	0.5	5	ug/Kg
74-97-5	Bromochloromethane	20.8		0.5	0.5	5	ug/Kg
67-66-3	Chloroform	20.6		0.5	0.5	5	ug/Kg
71-55-6	1,1,1-Trichloroethane	19.3		0.5	0.5	5	ug/Kg
108-87-2	Methylcyclohexane	19.5		0.5	0.5	5	ug/Kg
71-43-2	Benzene	19.7		0.38	0.5	5	ug/Kg
107-06-2	1,2-Dichloroethane	20.1		0.5	0.5	5	ug/Kg
79-01-6	Trichloroethene	20.6		0.5	0.5	5	ug/Kg
78-87-5	1,2-Dichloropropane	20.2		0.26	0.5	5	ug/Kg
75-27-4	Bromodichloromethane	20.9		0.5	0.5	5	ug/Kg
108-10-1	4-Methyl-2-Pentanone	99.2		2.5	2.5	25	ug/Kg
108-88-3	Toluene	21		0.5	0.5	5	ug/Kg
10061-02-6	t-1,3-Dichloropropene	19.8		0.5	0.5	5	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20		0.5	0.5	5	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0502SBS01	SDG No.:	H2720
Lab Sample ID:	VF0502SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047946.D	1		05/02/16 12:53	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	20.1		0.9	1	5	ug/Kg
591-78-6	2-Hexanone	97.5		2.5	2.5	25	ug/Kg
124-48-1	Dibromochloromethane	19.2		0.5	0.5	5	ug/Kg
106-93-4	1,2-Dibromoethane	19.2		0.5	0.5	5	ug/Kg
127-18-4	Tetrachloroethene	20.8		0.5	0.5	5	ug/Kg
108-90-7	Chlorobenzene	20.8		0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	21.1		0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	43.2		0.72	1	10	ug/Kg
95-47-6	o-Xylene	22.2		0.5	0.5	5	ug/Kg
100-42-5	Styrene	20.7		0.45	0.5	5	ug/Kg
75-25-2	Bromoform	20.1		0.74	1.5	5	ug/Kg
98-82-8	Isopropylbenzene	21		0.48	0.5	5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	19.7		0.46	0.5	5	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.8		0.37	0.5	5	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.6		0.41	0.5	5	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.5		0.5	0.5	5	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	18.9		0.87	5	5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	22		0.5	0.5	5	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.2		0.5	1	5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.8		56 - 120		104%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		57 - 135		95%	SPK: 50
2037-26-5	Toluene-d8	52.6		67 - 123		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.3		33 - 141		97%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	598067	4.86				
540-36-3	1,4-Difluorobenzene	940796	5.59				
3114-55-4	Chlorobenzene-d5	800779	9.75				
3855-82-1	1,4-Dichlorobenzene-d4	420588	12.52				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0502SBS01	SDG No.:	H2720
Lab Sample ID:	VF0502SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047946.D	1		05/02/16 12:53	VF050216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VN0503WBS02	SDG No.:	H2720
Lab Sample ID:	VN0503WBS02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032480.D	1		05/03/16 20:38	VN050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	17.3		0.2	0.5	5	ug/L
74-87-3	Chloromethane	19.5		0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	18.9		0.34	0.5	5	ug/L
74-83-9	Bromomethane	16.3		0.2	0.5	5	ug/L
75-00-3	Chloroethane	19.5		0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	19.2		0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19		0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	18.8		0.47	0.5	5	ug/L
67-64-1	Acetone	85.4		0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	18.4		0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	19.3		0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	20.8		0.2	2	5	ug/L
75-09-2	Methylene Chloride	19.9		0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	18.7		0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	19		0.36	0.5	5	ug/L
110-82-7	Cyclohexane	19.3		0.2	0.5	5	ug/L
78-93-3	2-Butanone	96.7		1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	18.6		0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	18.9		0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	18.8		0.2	0.5	5	ug/L
67-66-3	Chloroform	18.8		0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	19.1		0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	17.9		0.2	0.5	5	ug/L
71-43-2	Benzene	18.7		0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	18.3		0.48	0.75	5	ug/L
79-01-6	Trichloroethene	18.7		0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	18.6		0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	19.2		0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	97.7		2.1	2.5	25	ug/L
108-88-3	Toluene	18.5		0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	17.8		0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	18.3		0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VN0503WBS02	SDG No.:	H2720
Lab Sample ID:	VN0503WBS02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032480.D	1		05/03/16 20:38	VN050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	18.5		0.38	0.5	5	ug/L
591-78-6	2-Hexanone	95.6		1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	18.7		0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	18.4		0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	18.4		0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	18.5		0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	18.5		0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	36.4		0.95	1	10	ug/L
95-47-6	o-Xylene	18.8		0.43	0.5	5	ug/L
100-42-5	Styrene	18.3		0.36	0.5	5	ug/L
75-25-2	Bromoform	19.5		0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	19.2		0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	20.3		0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	18.6		0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	18.8		0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	19.2		0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.4		0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.3		0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.5		0.2	0.5	5	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.1		61 - 141		96%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		69 - 133		96%	SPK: 50
2037-26-5	Toluene-d8	47.5		65 - 126		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		58 - 135		89%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	443837	7.75				
540-36-3	1,4-Difluorobenzene	830422	8.68				
3114-55-4	Chlorobenzene-d5	710767	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	280067	13.47				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VN0503WBS02	SDG No.:	H2720
Lab Sample ID:	VN0503WBS02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032480.D	1		05/03/16 20:38	VN050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VN0503WBSD02	SDG No.:	H2720
Lab Sample ID:	VN0503WBSD02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032481.D	1		05/03/16 21:07	VN050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	19.5		0.2	0.5	5	ug/L
74-87-3	Chloromethane	20.6		0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	19.6		0.34	0.5	5	ug/L
74-83-9	Bromomethane	17.9		0.2	0.5	5	ug/L
75-00-3	Chloroethane	21		0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	20.6		0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	21.1		0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	21		0.47	0.5	5	ug/L
67-64-1	Acetone	87.7		0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	19.9		0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	20.6		0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	22.7		0.2	2	5	ug/L
75-09-2	Methylene Chloride	21		0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	20.8		0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	20.5		0.36	0.5	5	ug/L
110-82-7	Cyclohexane	20.9		0.2	0.5	5	ug/L
78-93-3	2-Butanone	100		1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	19.8		0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	20.4		0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	18.8		0.2	0.5	5	ug/L
67-66-3	Chloroform	20.8		0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	20.4		0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	19.5		0.2	0.5	5	ug/L
71-43-2	Benzene	19.6		0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	19.2		0.48	0.75	5	ug/L
79-01-6	Trichloroethene	20.1		0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	20.1		0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	19.9		0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	100		2.1	2.5	25	ug/L
108-88-3	Toluene	20		0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	19.2		0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	19.2		0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VN0503WBSD02	SDG No.:	H2720
Lab Sample ID:	VN0503WBSD02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032481.D	1		05/03/16 21:07	VN050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	19.7		0.38	0.5	5	ug/L
591-78-6	2-Hexanone	100		1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	19.9		0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	19.8		0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	19.5		0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	19.5		0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	19.8		0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	38.8		0.95	1	10	ug/L
95-47-6	o-Xylene	19.5		0.43	0.5	5	ug/L
100-42-5	Styrene	19.7		0.36	0.5	5	ug/L
75-25-2	Bromoform	20.4		0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	20.6		0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.6		0.31	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	20.4		0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	20.4		0.32	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	20.8		0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.8		0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	20.4		0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	20.3		0.2	0.5	5	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	51.5		61 - 141		103%	SPK: 50
1868-53-7	Dibromofluoromethane	49.6		69 - 133		99%	SPK: 50
2037-26-5	Toluene-d8	49.8		65 - 126		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.4		58 - 135		95%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	451786	7.75				
540-36-3	1,4-Difluorobenzene	852764	8.68				
3114-55-4	Chlorobenzene-d5	729537	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	286156	13.47				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VN0503WBSD02	SDG No.:	H2720
Lab Sample ID:	VN0503WBSD02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032481.D	1		05/03/16 21:07	VN050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MS	SDG No.:	H2720
Lab Sample ID:	H2720-10MS	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	21.4
Sample Wt/Vol:	5.6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047930.D	1		05/01/16 16:49	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	49.7		0.57	0.57	5.7	ug/Kg
74-87-3	Chloromethane	46		0.57	0.57	5.7	ug/Kg
75-01-4	Vinyl Chloride	50.6		0.57	0.57	5.7	ug/Kg
74-83-9	Bromomethane	50.3		1.1	1.1	5.7	ug/Kg
75-00-3	Chloroethane	59.7		0.57	0.57	5.7	ug/Kg
75-69-4	Trichlorofluoromethane	57		0.57	0.57	5.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	68		0.57	0.57	5.7	ug/Kg
75-35-4	1,1-Dichloroethene	57.3		0.57	0.57	5.7	ug/Kg
67-64-1	Acetone	110		2.8	2.8	28.4	ug/Kg
75-15-0	Carbon Disulfide	53.5		0.57	0.57	5.7	ug/Kg
1634-04-4	Methyl tert-butyl Ether	46.7		0.57	0.57	5.7	ug/Kg
79-20-9	Methyl Acetate	100		1.1	1.1	5.7	ug/Kg
75-09-2	Methylene Chloride	51.7		0.57	0.57	5.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	56.2		0.57	0.57	5.7	ug/Kg
75-34-3	1,1-Dichloroethane	52.7		0.57	0.57	5.7	ug/Kg
110-82-7	Cyclohexane	48.9		0.57	0.57	5.7	ug/Kg
78-93-3	2-Butanone	160		3.5	8.5	28.4	ug/Kg
56-23-5	Carbon Tetrachloride	60.3		0.57	0.57	5.7	ug/Kg
156-59-2	cis-1,2-Dichloroethene	53.6		0.57	0.57	5.7	ug/Kg
74-97-5	Bromochloromethane	46.8		0.57	0.57	5.7	ug/Kg
67-66-3	Chloroform	51.7		0.57	0.57	5.7	ug/Kg
71-55-6	1,1,1-Trichloroethane	53.2		0.57	0.57	5.7	ug/Kg
108-87-2	Methylcyclohexane	60.7		0.57	0.57	5.7	ug/Kg
71-43-2	Benzene	55.5		0.43	0.57	5.7	ug/Kg
107-06-2	1,2-Dichloroethane	53.2		0.57	0.57	5.7	ug/Kg
79-01-6	Trichloroethene	57.5		0.57	0.57	5.7	ug/Kg
78-87-5	1,2-Dichloropropane	55.1		0.3	0.57	5.7	ug/Kg
75-27-4	Bromodichloromethane	56.4		0.57	0.57	5.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	190		2.8	2.8	28.4	ug/Kg
108-88-3	Toluene	56		0.57	0.57	5.7	ug/Kg
10061-02-6	t-1,3-Dichloropropene	44.6		0.57	0.57	5.7	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	44.7		0.57	0.57	5.7	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MS	SDG No.:	H2720
Lab Sample ID:	H2720-10MS	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	21.4
Sample Wt/Vol:	5.6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047930.D	1		05/01/16 16:49	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	50.2		1	1.1	5.7	ug/Kg
591-78-6	2-Hexanone	160		2.8	2.8	28.4	ug/Kg
124-48-1	Dibromochloromethane	50.6		0.57	0.57	5.7	ug/Kg
106-93-4	1,2-Dibromoethane	43.5		0.57	0.57	5.7	ug/Kg
127-18-4	Tetrachloroethene	59.4		0.57	0.57	5.7	ug/Kg
108-90-7	Chlorobenzene	56.9		0.57	0.57	5.7	ug/Kg
100-41-4	Ethyl Benzene	58.2		0.57	0.57	5.7	ug/Kg
179601-23-1	m/p-Xylenes	120		0.82	1.1	11.4	ug/Kg
95-47-6	o-Xylene	59.8		0.57	0.57	5.7	ug/Kg
100-42-5	Styrene	52.4		0.51	0.57	5.7	ug/Kg
75-25-2	Bromoform	47.8		0.84	1.7	5.7	ug/Kg
98-82-8	Isopropylbenzene	70.8		0.55	0.57	5.7	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	57.3		0.52	0.57	5.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.9		0.42	0.57	5.7	ug/Kg
106-46-7	1,4-Dichlorobenzene	57.5		0.47	0.57	5.7	ug/Kg
95-50-1	1,2-Dichlorobenzene	56.2		0.57	0.57	5.7	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	45.9		0.99	5.7	5.7	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	40.5		0.57	0.57	5.7	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	34.2		0.57	1.1	5.7	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.3		56 - 120		99%	SPK: 50
1868-53-7	Dibromofluoromethane	55.3		57 - 135		111%	SPK: 50
2037-26-5	Toluene-d8	56.6		67 - 123		113%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.1		33 - 141		90%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	591703	4.85				
540-36-3	1,4-Difluorobenzene	835075	5.58				
3114-55-4	Chlorobenzene-d5	664946	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	277478	12.51				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MS	SDG No.:	H2720
Lab Sample ID:	H2720-10MS	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	21.4
Sample Wt/Vol:	5.6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047930.D	1		05/01/16 16:49	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MSD	SDG No.:	H2720
Lab Sample ID:	H2720-11MSD	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	21.4
Sample Wt/Vol:	5.65 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047931.D	1		05/01/16 17:18	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	53.9		0.56	0.56	5.6	ug/Kg
74-87-3	Chloromethane	50.1		0.56	0.56	5.6	ug/Kg
75-01-4	Vinyl Chloride	56		0.56	0.56	5.6	ug/Kg
74-83-9	Bromomethane	52.4		1.1	1.1	5.6	ug/Kg
75-00-3	Chloroethane	59.8		0.56	0.56	5.6	ug/Kg
75-69-4	Trichlorofluoromethane	60.6		0.56	0.56	5.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	61.7		0.56	0.56	5.6	ug/Kg
75-35-4	1,1-Dichloroethene	62.7		0.56	0.56	5.6	ug/Kg
67-64-1	Acetone	160		2.8	2.8	28.1	ug/Kg
75-15-0	Carbon Disulfide	55.4		0.56	0.56	5.6	ug/Kg
1634-04-4	Methyl tert-butyl Ether	54.5		0.56	0.56	5.6	ug/Kg
79-20-9	Methyl Acetate	140	E	1.1	1.1	5.6	ug/Kg
75-09-2	Methylene Chloride	53.5		0.56	0.56	5.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	57.7		0.56	0.56	5.6	ug/Kg
75-34-3	1,1-Dichloroethane	59.2		0.56	0.56	5.6	ug/Kg
110-82-7	Cyclohexane	50.3		0.56	0.56	5.6	ug/Kg
78-93-3	2-Butanone	200		3.5	8.4	28.1	ug/Kg
56-23-5	Carbon Tetrachloride	58.9		0.56	0.56	5.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	57.1		0.56	0.56	5.6	ug/Kg
74-97-5	Bromochloromethane	52.1		0.56	0.56	5.6	ug/Kg
67-66-3	Chloroform	56.4		0.56	0.56	5.6	ug/Kg
71-55-6	1,1,1-Trichloroethane	52.3		0.56	0.56	5.6	ug/Kg
108-87-2	Methylcyclohexane	56.9		0.56	0.56	5.6	ug/Kg
71-43-2	Benzene	56.8		0.43	0.56	5.6	ug/Kg
107-06-2	1,2-Dichloroethane	56.9		0.56	0.56	5.6	ug/Kg
79-01-6	Trichloroethene	59.8		0.56	0.56	5.6	ug/Kg
78-87-5	1,2-Dichloropropane	58.6		0.29	0.56	5.6	ug/Kg
75-27-4	Bromodichloromethane	59.8		0.56	0.56	5.6	ug/Kg
108-10-1	4-Methyl-2-Pentanone	230		2.8	2.8	28.1	ug/Kg
108-88-3	Toluene	57		0.56	0.56	5.6	ug/Kg
10061-02-6	t-1,3-Dichloropropene	48		0.56	0.56	5.6	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	49.9		0.56	0.56	5.6	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MSD	SDG No.:	H2720
Lab Sample ID:	H2720-11MSD	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	21.4
Sample Wt/Vol:	5.65 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047931.D	1		05/01/16 17:18	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
79-00-5	1,1,2-Trichloroethane	53.9		1	1.1	5.6	ug/Kg
591-78-6	2-Hexanone	200		2.8	2.8	28.1	ug/Kg
124-48-1	Dibromochloromethane	55.7		0.56	0.56	5.6	ug/Kg
106-93-4	1,2-Dibromoethane	49.9		0.56	0.56	5.6	ug/Kg
127-18-4	Tetrachloroethene	61.3		0.56	0.56	5.6	ug/Kg
108-90-7	Chlorobenzene	57.1		0.56	0.56	5.6	ug/Kg
100-41-4	Ethyl Benzene	60.8		0.56	0.56	5.6	ug/Kg
179601-23-1	m/p-Xylenes	120		0.81	1.1	11.3	ug/Kg
95-47-6	o-Xylene	61		0.56	0.56	5.6	ug/Kg
100-42-5	Styrene	52.9		0.51	0.56	5.6	ug/Kg
75-25-2	Bromoform	57.8		0.83	1.7	5.6	ug/Kg
98-82-8	Isopropylbenzene	71.7		0.54	0.56	5.6	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	68.6		0.52	0.56	5.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	55.8		0.42	0.56	5.6	ug/Kg
106-46-7	1,4-Dichlorobenzene	59.2		0.46	0.56	5.6	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.7		0.56	0.56	5.6	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	62.5		0.98	5.6	5.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	42.5		0.56	0.56	5.6	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	39		0.56	1.1	5.6	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49		56 - 120		98%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		57 - 135		101%	SPK: 50
2037-26-5	Toluene-d8	53		67 - 123		106%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.4		33 - 141		79%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	530525	4.86				
540-36-3	1,4-Difluorobenzene	773538	5.58				
3114-55-4	Chlorobenzene-d5	594904	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	248214	12.51				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MSD	SDG No.:	H2720
Lab Sample ID:	H2720-11MSD	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	21.4
Sample Wt/Vol:	5.65 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047931.D	1		05/01/16 17:18	VF050116

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: MSVOA_F Calibration Date(s): 04/29/2016 04/29/2016
 Heated Purge: (Y/N) Y Calibration Time(s): 11:46 14:08
 GC Column: RTX-VMS ID: 0.18 (mm)

LAB FILE ID:	RRF005 = VF047891.D	RRF010 = VF047892.D	RRF020 = VF047893.D					
	RRF050 = VF047894.D	RRF075 = VF047895.D	RRF100 = VF047896.D					
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF075	RRF100	RRF	% RSD
Dichlorodifluoromethane	0.580	0.490	0.538	0.446	0.450	0.429	0.489	12.2
Chloromethane	0.544	0.424	0.471	0.453	0.456	0.448	0.466	8.8
Vinyl Chloride	0.524	0.431	0.468	0.466	0.454	0.442	0.464	7
Bromomethane	0.308	0.240	0.266	0.240	0.248	0.226	0.255	11.5
Chloroethane	0.225	0.192	0.193	0.195	0.189	0.166	0.193	9.8
Trichlorofluoromethane	0.618	0.491	0.508	0.510	0.500	0.476	0.517	9.8
1,1,2-Trichlorotrifluoroethane	0.286	0.202	0.269	0.216	0.221	0.193	0.231	16.4
1,1-Dichloroethene	0.443	0.396	0.365	0.378	0.340	0.333	0.376	10.8
Acetone	0.244	0.218	0.157	0.244	0.195	0.202	0.210	15.8
Carbon Disulfide	1.150	0.940	0.972	0.971	0.993	0.944	0.995	7.9
Methyl tert-butyl Ether	1.134	0.898	0.959	0.971	0.886	0.908	0.959	9.6
Methyl Acetate	0.568	0.411	0.398	0.469	0.406	0.445	0.449	14.2
Methylene Chloride	0.500	0.411	0.383	0.385	0.362	0.350	0.398	13.5
trans-1,2-Dichloroethene	0.442	0.313	0.373	0.376	0.358	0.351	0.369	11.5
1,1-Dichloroethane	0.766	0.626	0.659	0.641	0.641	0.636	0.662	7.9
Cyclohexane	0.496	0.460	0.463	0.470	0.486	0.496	0.478	3.4
2-Butanone	0.369	0.304	0.293	0.383	0.339	0.361	0.341	10.7
Carbon Tetrachloride	0.308	0.230	0.259	0.243	0.243	0.228	0.252	11.7
cis-1,2-Dichloroethene	0.624	0.515	0.554	0.559	0.539	0.556	0.558	6.5
Bromochloromethane	0.323	0.370	0.342	0.405	0.397	0.374	0.368	8.6
Chloroform	0.982	0.854	0.842	0.900	0.857	0.861	0.883	6
1,1,1-Trichloroethane	0.489	0.404	0.488	0.479	0.492	0.402	0.459	9.5
Methylcyclohexane	0.406	0.293	0.387	0.382	0.372	0.288	0.355	14.4
Benzene	1.327	1.046	1.180	1.160	1.146	1.146	1.167	7.8
1,2-Dichloroethane	0.490	0.373	0.418	0.423	0.424	0.418	0.424	8.8
Trichloroethene	0.432	0.326	0.366	0.371	0.359	0.356	0.368	9.5
1,2-Dichloropropane	0.358	0.261	0.304	0.295	0.287	0.300	0.301	10.6
Bromodichloromethane	0.479	0.402	0.452	0.459	0.450	0.436	0.446	5.8
4-Methyl-2-Pentanone	0.437	0.333	0.324	0.378	0.341	0.349	0.360	11.6
Toluene	0.847	0.671	0.766	0.765	0.768	0.704	0.753	8.1
t-1,3-Dichloropropene	0.525	0.411	0.435	0.460	0.463	0.451	0.458	8.4
cis-1,3-Dichloropropene	0.545	0.435	0.491	0.536	0.525	0.516	0.508	8
1,1,2-Trichloroethane	0.360	0.292	0.303	0.319	0.321	0.321	0.319	7.3

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: MSVOA_F Calibration Date(s): 04/29/2016 04/29/2016
 Heated Purge: (Y/N) Y Calibration Time(s): 11:46 14:08
 GC Column: RTX-VMS ID: 0.18 (mm)

LAB FILE ID:		RRF005 = VF047891.D		RRF010 = VF047892.D		RRF020 = VF047893.D			
		RRF050 = VF047894.D		RRF075 = VF047895.D		RRF100 = VF047896.D			
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF075	RRF100	RRF	% RSD	
2-Hexanone	0.343	0.268	0.267	0.309	0.276	0.296	0.293	10.1	
Dibromochloromethane	0.481	0.379	0.415	0.426	0.437	0.424	0.427	7.8	
1,2-Dibromoethane	0.457	0.334	0.355	0.385	0.373	0.383	0.381	10.9	
Tetrachloroethene	0.413	0.332	0.357	0.367	0.349	0.353	0.362	7.6	
Chlorobenzene	1.184	0.949	1.041	1.059	1.031	1.002	1.044	7.5	
Ethyl Benzene	1.817	1.468	1.629	1.603	1.597	1.496	1.602	7.7	
m/p-Xylenes	0.720	0.579	0.636	0.633	0.607	0.589	0.627	8.1	
o-Xylene	0.609	0.541	0.630	0.647	0.646	0.613	0.614	6.4	
Styrene	1.170	0.945	1.042	1.074	1.018	1.001	1.042	7.3	
Bromoform	0.380	0.319	0.350	0.376	0.363	0.366	0.359	6.2	
Isopropylbenzene	3.602	3.019	3.195	3.255	3.042	3.111	3.204	6.7	
1,1,2,2-Tetrachloroethane	1.312	0.993	0.985	1.059	1.016	1.041	1.068	11.5	
1,3-Dichlorobenzene	2.025	1.609	1.663	1.644	1.590	1.530	1.677	10.5	
1,4-Dichlorobenzene	1.892	1.555	1.622	1.661	1.587	1.596	1.652	7.4	
1,2-Dichlorobenzene	1.716	1.395	1.503	1.568	1.520	1.507	1.535	6.9	
1,2-Dibromo-3-Chloropropane	0.171	0.152	0.144	0.179	0.181	0.190	0.170	10.6	
1,2,4-Trichlorobenzene	0.707	0.627	0.698	0.785	0.762	0.765	0.724	8.1	
1,2,3-Trichlorobenzene	0.641	0.538	0.623	0.716	0.717	0.749	0.664	11.8	
1,2-Dichloroethane-d4	0.450	0.474	0.428	0.467	0.490	0.503	0.469	5.7	
Dibromofluoromethane	0.374	0.360	0.341	0.341	0.377	0.369	0.360	4.5	
Toluene-d8	0.940	0.904	0.886	0.956	1.027	0.998	0.952	5.6	
4-Bromofluorobenzene	0.407	0.437	0.390	0.383	0.423	0.422	0.410	5.1	

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: MSVOA_N Calibration Date(s): 05/03/2016 05/03/2016
 Heated Purge: (Y/N) N Calibration Time(s): 10:50 13:18
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF001 = VN032462.D		RRF005 = VN032463.D		RRF020 = VN032464.D			
		RRF050 = VN032465.D		RRF100 = VN032466.D		RRF200 = VN032467.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF200	RRF	% RSD	
Dichlorodifluoromethane	0.953	0.802	0.764	0.698	0.648	0.682	0.758	14.6	
Chloromethane	2.211	1.741	1.620	1.428	1.248	1.170	1.570	24.3	
Vinyl Chloride	1.311	1.193	1.226	1.089	1.023	1.028	1.145	10.2	
Bromomethane	0.532	0.467	0.489	0.446	0.468	0.490	0.482	6.1	
Chloroethane	0.647	0.706	0.748	0.659	0.616	0.605	0.664	8.3	
Trichlorofluoromethane	1.935	1.943	1.857	1.656	1.500	1.516	1.735	11.8	
1,1,2-Trichlorotrifluoroethane	0.573	0.603	0.571	0.536	0.480	0.512	0.546	8.3	
1,1-Dichloroethene	0.587	0.537	0.567	0.496	0.450	0.466	0.517	10.7	
Acetone	0.284	0.261	0.266	0.234	0.217	0.215	0.246	11.4	
Carbon Disulfide	1.751	1.617	1.631	1.487	1.429	1.515	1.572	7.4	
Methyl tert-butyl Ether	2.198	2.170	2.306	2.062	1.986	2.054	2.130	5.5	
Methyl Acetate		0.512	0.696	0.652	0.628	0.650	0.628	11	
Methylene Chloride	0.636	0.669	0.702	0.630	0.591	0.614	0.640	6.2	
trans-1,2-Dichloroethene	0.566	0.656	0.652	0.587	0.560	0.578	0.600	7.2	
1,1-Dichloroethane	1.360	1.338	1.403	1.271	1.193	1.165	1.288	7.4	
Cyclohexane	2.771	1.512	1.343	1.188	1.076	1.116	1.501	42.8	
2-Butanone	0.298	0.338	0.394	0.355	0.343	0.349	0.346	9	
Carbon Tetrachloride	0.538	0.547	0.530	0.501	0.478	0.494	0.515	5.3	
cis-1,2-Dichloroethene	0.842	0.733	0.770	0.709	0.675	0.678	0.734	8.6	
Bromochloromethane	0.584	0.572	0.615	0.529	0.537	0.526	0.561	6.4	
Chloroform	1.307	1.238	1.376	1.235	1.191	1.204	1.259	5.6	
1,1,1-Trichloroethane	1.178	1.137	1.240	1.108	1.055	1.092	1.135	5.8	
Methylcyclohexane	0.714	0.692	0.661	0.620	0.575	0.607	0.645	8.3	
Benzene	1.609	1.660	1.668	1.521	1.458	1.492	1.568	5.7	
1,2-Dichloroethane	0.633	0.603	0.619	0.558	0.540	0.555	0.585	6.6	
Trichloroethene	0.356	0.364	0.359	0.340	0.331	0.342	0.349	3.6	
1,2-Dichloropropane	0.467	0.435	0.453	0.416	0.392	0.402	0.428	6.9	
Bromodichloromethane	0.549	0.558	0.592	0.535	0.522	0.533	0.548	4.5	
4-Methyl-2-Pentanone	0.370	0.436	0.476	0.430	0.411	0.419	0.424	8.2	
Toluene	0.910	0.943	0.979	0.908	0.879	0.930	0.925	3.7	
t-1,3-Dichloropropene	0.644	0.594	0.620	0.582	0.572	0.600	0.602	4.4	
cis-1,3-Dichloropropene	0.692	0.655	0.683	0.623	0.612	0.628	0.649	5.1	
1,1,2-Trichloroethane	0.417	0.339	0.383	0.345	0.330	0.341	0.359	9.4	

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: MSVOA_N Calibration Date(s): 05/03/2016 05/03/2016
 Heated Purge: (Y/N) N Calibration Time(s): 10:50 13:18
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:	RRF001 = VN032462.D	RRF005 = VN032463.D	RRF020 = VN032464.D					
	RRF050 = VN032465.D	RRF100 = VN032466.D	RRF200 = VN032467.D					
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF200	RRF	% RSD
2-Hexanone	0.256	0.285	0.320	0.294	0.279	0.279	0.285	7.4
Dibromochloromethane	0.418	0.386	0.423	0.390	0.377	0.391	0.397	4.7
1,2-Dibromoethane	0.375	0.375	0.370	0.347	0.334	0.347	0.358	4.9
Tetrachloroethene	0.361	0.349	0.343	0.311	0.296	0.298	0.326	8.6
Chlorobenzene	1.231	1.179	1.155	1.062	1.030	1.053	1.118	7.3
Ethyl Benzene	1.977	2.105	2.139	1.966	1.929	2.027	2.024	4.1
m/p-Xylenes	0.756	0.747	0.776	0.719	0.708	0.772	0.746	3.7
o-Xylene	0.767	0.758	0.795	0.713	0.708	0.753	0.749	4.4
Styrene	1.091	1.125	1.227	1.165	1.154	1.295	1.176	6.3
Bromoform	0.273	0.269	0.296	0.279	0.273	0.276	0.278	3.5
Isopropylbenzene	4.831	5.207	5.219	4.573	4.263	4.377	4.745	8.7
1,1,2,2-Tetrachloroethane	1.529	1.446	1.482	1.272	1.145	1.073	1.324	14.3
1,3-Dichlorobenzene	1.767	1.926	1.921	1.729	1.697	1.822	1.810	5.4
1,4-Dichlorobenzene	1.942	1.829	1.883	1.712	1.644	1.722	1.789	6.4
1,2-Dichlorobenzene	1.822	1.879	1.907	1.703	1.625	1.641	1.763	7
1,2-Dibromo-3-Chloropropane	0.294	0.255	0.257	0.224	0.204	0.202	0.239	15
1,2,4-Trichlorobenzene	0.815	0.942	0.998	0.914	0.887	0.919	0.913	6.6
1,2,3-Trichlorobenzene	0.900	0.838	0.989	0.890	0.829	0.865	0.885	6.5
1,2-Dichloroethane-d4		0.733	0.891	0.842	0.821	0.836	0.825	7
Dibromofluoromethane		0.326	0.353	0.328	0.317	0.316	0.328	4.6
Toluene-d8		1.084	1.308	1.245	1.195	1.261	1.219	7
4-Bromofluorobenzene		0.398	0.416	0.405	0.406	0.445	0.414	4.4

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: MSVOA_F Calibration Date/Time: 05/01/2016 12:08
 Lab File ID: VF047921.D Init. Calib. Date(s): 04/29/2016 04/29/2016
 Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 14:08
 GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.489	0.424		-13.34	20
Chloromethane	0.466	0.416	0.1	-10.78	20
Vinyl Chloride	0.464	0.427		-7.89	20
Bromomethane	0.255	0.229		-10.05	20
Chloroethane	0.193	0.181		-6.52	20
Trichlorofluoromethane	0.517	0.492		-4.95	20
1,1,2-Trichlorotrifluoroethane	0.231	0.207		-10.29	20
1,1-Dichloroethene	0.376	0.388		3.27	20
Acetone	0.210	0.258		23.05	20
Carbon Disulfide	0.995	0.963		-3.16	20
Methyl tert-butyl Ether	0.959	0.912		-4.94	20
Methyl Acetate	0.449	0.444		-1.34	20
Methylene Chloride	0.398	0.372		-6.72	20
trans-1,2-Dichloroethene	0.369	0.363		-1.57	20
1,1-Dichloroethane	0.662	0.573	0.1	-13.36	20
Cyclohexane	0.478	0.394		-17.58	20
2-Butanone	0.341	0.362		6.03	20
Carbon Tetrachloride	0.252	0.226		-10.09	20
cis-1,2-Dichloroethene	0.558	0.537		-3.71	20
Bromochloromethane	0.368	0.325		-11.78	20
Chloroform	0.883	0.785		-10.99	20
1,1,1-Trichloroethane	0.459	0.389		-15.26	20
Methylcyclohexane	0.355	0.340		-4.09	20
Benzene	1.167	1.124		-3.75	20
1,2-Dichloroethane	0.424	0.404		-4.81	20
Trichloroethene	0.368	0.349		-5.29	20
1,2-Dichloropropane	0.301	0.284		-5.55	20
Bromodichloromethane	0.446	0.443		-0.85	20
4-Methyl-2-Pentanone	0.360	0.368		2.19	20
Toluene	0.753	0.746		-0.93	20
t-1,3-Dichloropropene	0.458	0.465		1.73	20
cis-1,3-Dichloropropene	0.508	0.515		1.48	20
1,1,2-Trichloroethane	0.319	0.312		-2.25	20
2-Hexanone	0.293	0.304		3.75	20
Dibromochloromethane	0.427	0.416		-2.58	20
1,2-Dibromoethane	0.381	0.369		-3.15	20
Tetrachloroethene	0.362	0.339		-6.28	20
Chlorobenzene	1.044	0.963	0.3	-7.77	20
Ethyl Benzene	1.602	1.562		-2.46	20

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: MSVOA_F Calibration Date/Time: 05/01/2016 12:08
 Lab File ID: VF047921.D Init. Calib. Date(s): 04/29/2016 04/29/2016
 Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 14:08
 GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
m/p-Xylenes	0.627	0.564		-10.03	20
o-Xylene	0.614	0.610		-0.78	20
Styrene	1.042	0.999		-4.16	20
Bromoform	0.359	0.357	0.1	-0.42	20
Isopropylbenzene	3.204	2.943		-8.15	20
1,1,2,2-Tetrachloroethane	1.068	0.985	0.3	-7.7	20
1,3-Dichlorobenzene	1.677	1.503		-10.38	20
1,4-Dichlorobenzene	1.652	1.535		-7.08	20
1,2-Dichlorobenzene	1.535	1.406		-8.39	20
1,2-Dibromo-3-Chloropropane	0.170	0.163		-4.01	20
1,2,4-Trichlorobenzene	0.724	0.760		4.99	20
1,2,3-Trichlorobenzene	0.664	0.670		0.93	20
1,2-Dichloroethane-d4	0.469	0.483		3.01	20
Dibromofluoromethane	0.360	0.375		3.97	20
Toluene-d8	0.952	1.075		12.96	20
4-Bromofluorobenzene	0.410	0.427		3.95	20

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: MSVOA_F Calibration Date/Time: 05/02/2016 11:16
 Lab File ID: VF047944.D Init. Calib. Date(s): 04/29/2016 04/29/2016
 Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 14:08
 GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.489	0.481		-1.68	20
Chloromethane	0.466	0.468	0.1	0.37	20
Vinyl Chloride	0.464	0.480		3.43	20
Bromomethane	0.255	0.284		11.62	20
Chloroethane	0.193	0.229		18.31	20
Trichlorofluoromethane	0.517	0.559		8.18	20
1,1,2-Trichlorotrifluoroethane	0.231	0.286		23.7	20
1,1-Dichloroethene	0.376	0.419		11.49	20
Acetone	0.210	0.250		19.24	20
Carbon Disulfide	0.995	1.168		17.36	20
Methyl tert-butyl Ether	0.959	0.988		3.01	20
Methyl Acetate	0.449	0.459		2.09	20
Methylene Chloride	0.398	0.422		5.85	20
trans-1,2-Dichloroethene	0.369	0.425		15.12	20
1,1-Dichloroethane	0.662	0.744	0.1	12.41	20
Cyclohexane	0.478	0.502		4.95	20
2-Butanone	0.341	0.366		7.21	20
Carbon Tetrachloride	0.252	0.285		13.03	20
cis-1,2-Dichloroethene	0.558	0.593		6.27	20
Bromochloromethane	0.368	0.364		-1.03	20
Chloroform	0.883	0.927		5.02	20
1,1,1-Trichloroethane	0.459	0.557		21.42	20
Methylcyclohexane	0.355	0.445		25.3	20
Benzene	1.167	1.327		13.69	20
1,2-Dichloroethane	0.424	0.487		14.75	20
Trichloroethene	0.368	0.425		15.36	20
1,2-Dichloropropane	0.301	0.343		14.12	20
Bromodichloromethane	0.446	0.513		15.03	20
4-Methyl-2-Pentanone	0.360	0.390		8.1	20
Toluene	0.753	0.892		18.47	20
t-1,3-Dichloropropene	0.458	0.549		20.11	20
cis-1,3-Dichloropropene	0.508	0.620		22.17	20
1,1,2-Trichloroethane	0.319	0.372		16.41	20
2-Hexanone	0.293	0.323		10.2	20
Dibromochloromethane	0.427	0.511		19.82	20
1,2-Dibromoethane	0.381	0.424		11.07	20
Tetrachloroethene	0.362	0.390		7.96	20
Chlorobenzene	1.044	1.166	0.3	11.68	20
Ethyl Benzene	1.602	1.765		10.23	20

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720

Instrument ID: MSVOA_F Calibration Date/Time: 05/02/2016 11:16

Lab File ID: VF047944.D Init. Calib. Date(s): 04/29/2016 04/29/2016

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 14:08

GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
m/p-Xylenes	0.627	0.702		11.89	20
o-Xylene	0.614	0.723		17.67	20
Styrene	1.042	1.166		11.87	20
Bromoform	0.359	0.397	0.1	10.64	20
Isopropylbenzene	3.204	3.522		9.93	20
1,1,2,2-Tetrachloroethane	1.068	1.109	0.3	3.91	20
1,3-Dichlorobenzene	1.677	1.806		7.69	20
1,4-Dichlorobenzene	1.652	1.833		10.94	20
1,2-Dichlorobenzene	1.535	1.710		11.39	20
1,2-Dibromo-3-Chloropropane	0.170	0.181		6.96	20
1,2,4-Trichlorobenzene	0.724	0.814		12.33	20
1,2,3-Trichlorobenzene	0.664	0.719		8.24	20
1,2-Dichloroethane-d4	0.469	0.564		20.2	20
Dibromofluoromethane	0.360	0.429		19.07	20
Toluene-d8	0.952	1.195		25.59	20
4-Bromofluorobenzene	0.410	0.496		20.89	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.



284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID:	H2720	OrderDate:	4/25/2016 1:46:32 PM
Client:	LaBella Associates P.C.	Project:	4185 Military Road, Niagara, NY
Contact:	Adam Zebrowski	Location:	O23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2720-01	TP-3D02	SOIL	VOCMS Group2	8260C	04/21/16		04/29/16	04/25/16
H2720-02	TP-1D46	SOIL	VOCMS Group2	8260C	04/21/16		04/28/16	04/25/16
H2720-03	TP-5D24	SOIL	VOCMS Group2	8260C	04/21/16		04/28/16	04/25/16
H2720-03RE	TP-5D24RE	SOIL	VOCMS Group2	8260C	04/21/16		04/29/16	04/25/16



Hit Summary Sheet
SW-846

SDG No.: H2720
Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	TP-5D24								
H2720-03	TP-5D24	SOIL	Toluene	3.20	J	0.51	0.51	5.1	ug/Kg
			Total Voc :	3.2					
			Total Concentration:	3.2					
Client ID:	TP-5D24RE								
H2720-03RE	TP-5D24RE	SOIL	Toluene	1.30	J	0.51	0.51	5.1	ug/Kg
			Total Voc :	1.3					
			Total Concentration:	1.3					

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-3D02	SDG No.:	H2720
Lab Sample ID:	H2720-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	9.7
Sample Wt/Vol:	5.79 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047909.D	1		04/29/16 22:05	VF042916

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1634-04-4	Methyl tert-butyl Ether	4.8	U	0.48	0.48	4.8	ug/Kg
71-43-2	Benzene	4.8	U	0.36	0.48	4.8	ug/Kg
108-88-3	Toluene	4.8	U	0.48	0.48	4.8	ug/Kg
100-41-4	Ethyl Benzene	4.8	U	0.48	0.48	4.8	ug/Kg
179601-23-1	m/p-Xylenes	9.6	U	0.69	0.96	9.6	ug/Kg
95-47-6	o-Xylene	4.8	U	0.48	0.48	4.8	ug/Kg
98-82-8	Isopropylbenzene	4.8	U	0.46	0.48	4.8	ug/Kg
103-65-1	n-propylbenzene	4.8	U	0.34	0.48	4.8	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	4.8	U	0.43	0.48	4.8	ug/Kg
98-06-6	tert-Butylbenzene	4.8	U	0.48	0.48	4.8	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	4.8	U	0.48	0.48	4.8	ug/Kg
135-98-8	sec-Butylbenzene	4.8	U	0.48	0.48	4.8	ug/Kg
99-87-6	p-Isopropyltoluene	4.8	U	0.28	0.48	4.8	ug/Kg
104-51-8	n-Butylbenzene	4.8	U	0.44	0.48	4.8	ug/Kg
91-20-3	Naphthalene	4.8	U	0.43	0.48	4.8	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.1		56 - 120		110%	SPK: 50
1868-53-7	Dibromofluoromethane	59.3		57 - 135		119%	SPK: 50
2037-26-5	Toluene-d8	55.8		67 - 123		112%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.9		33 - 141		90%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	521121	4.85				
540-36-3	1,4-Difluorobenzene	769173	5.58				
3114-55-4	Chlorobenzene-d5	617335	9.73				
3855-82-1	1,4-Dichlorobenzene-d4	253991	12.51				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-1D46	SDG No.:	H2720
Lab Sample ID:	H2720-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	23.3
Sample Wt/Vol:	6.23 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047879.D	1		04/28/16 17:21	VF042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1634-04-4	Methyl tert-butyl Ether	5.2	U	0.52	0.52	5.2	ug/Kg
71-43-2	Benzene	5.2	U	0.4	0.52	5.2	ug/Kg
108-88-3	Toluene	5.2	U	0.52	0.52	5.2	ug/Kg
100-41-4	Ethyl Benzene	5.2	U	0.52	0.52	5.2	ug/Kg
179601-23-1	m/p-Xylenes	10.5	U	0.75	1	10.5	ug/Kg
95-47-6	o-Xylene	5.2	U	0.52	0.52	5.2	ug/Kg
98-82-8	Isopropylbenzene	5.2	U	0.5	0.52	5.2	ug/Kg
103-65-1	n-propylbenzene	5.2	U	0.38	0.52	5.2	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5.2	U	0.47	0.52	5.2	ug/Kg
98-06-6	tert-Butylbenzene	5.2	U	0.52	0.52	5.2	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	5.2	U	0.52	0.52	5.2	ug/Kg
135-98-8	sec-Butylbenzene	5.2	U	0.52	0.52	5.2	ug/Kg
99-87-6	p-Isopropyltoluene	5.2	U	0.3	0.52	5.2	ug/Kg
104-51-8	n-Butylbenzene	5.2	U	0.48	0.52	5.2	ug/Kg
91-20-3	Naphthalene	5.2	U	0.47	0.52	5.2	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.1		56 - 120		110%	SPK: 50
1868-53-7	Dibromofluoromethane	54.8		57 - 135		110%	SPK: 50
2037-26-5	Toluene-d8	58.5		67 - 123		117%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.5		33 - 141		95%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	458820	4.85				
540-36-3	1,4-Difluorobenzene	677400	5.57				
3114-55-4	Chlorobenzene-d5	549542	9.73				
3855-82-1	1,4-Dichlorobenzene-d4	231412	12.51				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-5D24	SDG No.:	H2720
Lab Sample ID:	H2720-03	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	19.6
Sample Wt/Vol:	6.13 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047880.D	1		04/28/16 17:49	VF042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1634-04-4	Methyl tert-butyl Ether	5.1	U	0.51	0.51	5.1	ug/Kg
71-43-2	Benzene	5.1	U	0.39	0.51	5.1	ug/Kg
108-88-3	Toluene	3.2	J	0.51	0.51	5.1	ug/Kg
100-41-4	Ethyl Benzene	5.1	U	0.51	0.51	5.1	ug/Kg
179601-23-1	m/p-Xylenes	10.1	U	0.73	1	10.1	ug/Kg
95-47-6	o-Xylene	5.1	U	0.51	0.51	5.1	ug/Kg
98-82-8	Isopropylbenzene	5.1	U	0.49	0.51	5.1	ug/Kg
103-65-1	n-propylbenzene	5.1	U	0.37	0.51	5.1	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5.1	U	0.46	0.51	5.1	ug/Kg
98-06-6	tert-Butylbenzene	5.1	U	0.51	0.51	5.1	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	5.1	U	0.51	0.51	5.1	ug/Kg
135-98-8	sec-Butylbenzene	5.1	U	0.51	0.51	5.1	ug/Kg
99-87-6	p-Isopropyltoluene	5.1	U	0.29	0.51	5.1	ug/Kg
104-51-8	n-Butylbenzene	5.1	U	0.47	0.51	5.1	ug/Kg
91-20-3	Naphthalene	5.1	U	0.46	0.51	5.1	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	41.4		56 - 120		83%	SPK: 50
1868-53-7	Dibromofluoromethane	44.5		57 - 135		89%	SPK: 50
2037-26-5	Toluene-d8	50.5		67 - 123		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	36.4		33 - 141		73%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	398359	4.85				
540-36-3	1,4-Difluorobenzene	568275	5.58				
3114-55-4	Chlorobenzene-d5	425212	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	180871	12.51				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-5D24RE	SDG No.:	H2720
Lab Sample ID:	H2720-03RE	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	19.6
Sample Wt/Vol:	6.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047910.D	1		04/29/16 22:33	VF042916

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1634-04-4	Methyl tert-butyl Ether	5.1	U	0.51	0.51	5.1	ug/Kg
71-43-2	Benzene	5.1	U	0.39	0.51	5.1	ug/Kg
108-88-3	Toluene	1.3	J	0.51	0.51	5.1	ug/Kg
100-41-4	Ethyl Benzene	5.1	U	0.51	0.51	5.1	ug/Kg
179601-23-1	m/p-Xylenes	10.2	U	0.73	1	10.2	ug/Kg
95-47-6	o-Xylene	5.1	U	0.51	0.51	5.1	ug/Kg
98-82-8	Isopropylbenzene	5.1	U	0.49	0.51	5.1	ug/Kg
103-65-1	n-propylbenzene	5.1	U	0.37	0.51	5.1	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5.1	U	0.46	0.51	5.1	ug/Kg
98-06-6	tert-Butylbenzene	5.1	U	0.51	0.51	5.1	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	5.1	U	0.51	0.51	5.1	ug/Kg
135-98-8	sec-Butylbenzene	5.1	U	0.51	0.51	5.1	ug/Kg
99-87-6	p-Isopropyltoluene	5.1	U	0.29	0.51	5.1	ug/Kg
104-51-8	n-Butylbenzene	5.1	U	0.47	0.51	5.1	ug/Kg
91-20-3	Naphthalene	5.1	U	0.46	0.51	5.1	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	54		56 - 120		108%	SPK: 50
1868-53-7	Dibromofluoromethane	57.6		57 - 135		115%	SPK: 50
2037-26-5	Toluene-d8	52.6		67 - 123		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	36.8		33 - 141		74%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	484581	4.86				
540-36-3	1,4-Difluorobenzene	738894	5.59				
3114-55-4	Chlorobenzene-d5	557117	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	188419	12.51				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8260C

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
H2720-01	TP-3D02	1,2-Dichloroethane-d4	50	55.06	110	56	120
		Dibromofluoromethane	50	59.27	119	57	135
		Toluene-d8	50	55.8	112	67	123
		4-Bromofluorobenzene	50	44.89	90	33	141
H2720-02	TP-1D46	1,2-Dichloroethane-d4	50	55.07	110	56	120
		Dibromofluoromethane	50	54.84	110	57	135
		Toluene-d8	50	58.48	117	67	123
		4-Bromofluorobenzene	50	47.49	95	33	141
H2720-03	TP-5D24	1,2-Dichloroethane-d4	50	41.43	83	56	120
		Dibromofluoromethane	50	44.5	89	57	135
		Toluene-d8	50	50.47	101	67	123
		4-Bromofluorobenzene	50	36.38	73	33	141
H2720-03RE	TP-5D24RE	1,2-Dichloroethane-d4	50	53.99	108	56	120
		Dibromofluoromethane	50	57.58	115	57	135
		Toluene-d8	50	52.6	105	67	123
		4-Bromofluorobenzene	50	36.77	74	33	141
VF0428SBL01	VF0428SBL01	1,2-Dichloroethane-d4	50	45.18	90	56	120
		Dibromofluoromethane	50	42.78	86	57	135
		Toluene-d8	50	46.83	94	67	123
		4-Bromofluorobenzene	50	40.91	82	33	141
VF0428SBS01	VF0428SBS01	1,2-Dichloroethane-d4	50	52.03	104	56	120
		Dibromofluoromethane	50	46.46	93	57	135
		Toluene-d8	50	49.94	100	67	123
		4-Bromofluorobenzene	50	50.05	100	33	141
VF0428SBSD01	VF0428SBSD01	1,2-Dichloroethane-d4	50	47.04	94	56	120
		Dibromofluoromethane	50	45.4	91	57	135
		Toluene-d8	50	49.07	98	67	123
		4-Bromofluorobenzene	50	48.86	98	33	141
VF0429SBL01	VF0429SBL01	1,2-Dichloroethane-d4	50	48.34	97	56	120
		Dibromofluoromethane	50	47.37	95	57	135
		Toluene-d8	50	46.92	94	67	123
		4-Bromofluorobenzene	50	42.58	85	33	141
VF0429SBS01	VF0429SBS01	1,2-Dichloroethane-d4	50	52.94	106	56	120
		Dibromofluoromethane	50	53.16	106	57	135
		Toluene-d8	50	51.99	104	67	123
		4-Bromofluorobenzene	50	51.08	102	33	141

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2720
Client: LaBella Associates P.C.
Analytical Method: SW8260C

Datafile : VF047869.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VF0428SBS01	Methyl tert-butyl Ether	20	21.1	ug/Kg	106			76	123	
	Benzene	20	20.5	ug/Kg	103			79	124	
	Toluene	20	21.8	ug/Kg	109			78	124	
	Ethyl Benzene	20	22.9	ug/Kg	115			80	123	
	m/p-Xylenes	40	46.3	ug/Kg	116			79	126	
	o-Xylene	20	22.3	ug/Kg	112			80	122	
	Isopropylbenzene	20	22.5	ug/Kg	113			79	123	
	N-propylbenzene	20	23.4	ug/Kg	117			80	125	
	1,3,5-Trimethylbenzene	20	22.9	ug/Kg	115			81	123	
	tert-Butylbenzene	20	23	ug/Kg	115			81	123	
	1,2,4-Trimethylbenzene	20	23.3	ug/Kg	117			81	122	
	Sec-butylbenzene	20	22.9	ug/Kg	115			81	126	
	p-Isopropyltoluene	20	23.2	ug/Kg	116			81	124	
	n-Butylbenzene	20	23	ug/Kg	115			75	129	
	Naphthalene	20	18.5	ug/Kg	93			71	126	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2720
Client: LaBella Associates P.C.
Analytical Method: SW8260C

Datafile : VF047870.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VF0428SBSD01	Methyl tert-butyl Ether	20	19.1	ug/Kg	96	10		76	123	20
	Benzene	20	19.9	ug/Kg	100	3		79	124	20
	Toluene	20	20.9	ug/Kg	104	5		78	124	20
	Ethyl Benzene	20	21.7	ug/Kg	109	5		80	123	20
	m/p-Xylenes	40	42.7	ug/Kg	107	8		79	126	20
	o-Xylene	20	20.6	ug/Kg	103	8		80	122	20
	Isopropylbenzene	20	20.8	ug/Kg	104	8		79	123	20
	N-propylbenzene	20	21.5	ug/Kg	108	8		80	125	20
	1,3,5-Trimethylbenzene	20	20.3	ug/Kg	102	12		81	123	20
	tert-Butylbenzene	20	21.3	ug/Kg	106	8		81	123	20
	1,2,4-Trimethylbenzene	20	20.9	ug/Kg	104	12		81	122	20
	Sec-butylbenzene	20	21	ug/Kg	105	9		81	126	20
	p-Isopropyltoluene	20	21	ug/Kg	105	10		81	124	20
	n-Butylbenzene	20	20.2	ug/Kg	101	13		75	129	20
	Naphthalene	20	18.4	ug/Kg	92	1		71	126	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2720
Client: LaBella Associates P.C.
Analytical Method: SW8260C

Datafile : VF047901.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VF0429SBS01	Methyl tert-butyl Ether	20	21.5	ug/Kg	108			76	123	
	Benzene	20	19.9	ug/Kg	100			79	124	
	Toluene	20	21.4	ug/Kg	107			78	124	
	Ethyl Benzene	20	21.6	ug/Kg	108			80	123	
	m/p-Xylenes	40	41.1	ug/Kg	103			79	126	
	o-Xylene	20	21.1	ug/Kg	106			80	122	
	Isopropylbenzene	20	21.9	ug/Kg	110			79	123	
	N-propylbenzene	20	20.8	ug/Kg	104			80	125	
	1,3,5-Trimethylbenzene	20	21.1	ug/Kg	106			81	123	
	tert-Butylbenzene	20	21.7	ug/Kg	109			81	123	
	1,2,4-Trimethylbenzene	20	21	ug/Kg	105			81	122	
	Sec-butylbenzene	20	21.7	ug/Kg	109			81	126	
	p-Isopropyltoluene	20	20.8	ug/Kg	104			81	124	
	n-Butylbenzene	20	20.9	ug/Kg	104			75	129	
	Naphthalene	20	18.6	ug/Kg	93			71	126	

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VF0428SBL01

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2720

SAS No.: H2720 SDG NO.: H2720

Lab File ID: VF047868.D

Lab Sample ID: VF0428SBL01

Date Analyzed: 04/28/2016

Time Analyzed: 12:06

GC Column: RTX-VMS ID: 0.18 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VF0428SBS01	VF0428SBS01	VF047869.D	04/28/2016
VF0428SBSD01	VF0428SBSD01	VF047870.D	04/28/2016
TP-1D46	H2720-02	VF047879.D	04/28/2016
TP-5D24	H2720-03	VF047880.D	04/28/2016

COMMENTS: _____

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VF0429SBL01

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2720

SAS No.: H2720 SDG NO.: H2720

Lab File ID: VF047900.D

Lab Sample ID: VF0429SBL01

Date Analyzed: 04/29/2016

Time Analyzed: 17:07

GC Column: RTX-VMS ID: 0.18 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VF0429SBS01	VF0429SBS01	VF047901.D	04/29/2016
TP-3D02	H2720-01	VF047909.D	04/29/2016
TP-5D24RE	H2720-03RE	VF047910.D	04/29/2016

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: <u>CHEMTECH</u>	Contract: <u>LABE01</u>
Lab Code: <u>CHEM</u> Case No.: <u>H2720</u>	SAS No.: <u>H2720</u> SDG NO.: <u>H2720</u>
Lab File ID: <u>VF047770.D</u>	BFB Injection Date: <u>04/22/2016</u>
Instrument ID: <u>MSVOA_F</u>	BFB Injection Time: <u>10:07</u>
GC Column: <u>RTX-VMS</u> ID: <u>0.18</u> (mm)	Heated Purge: Y/N <u>Y</u>

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.5
75	30.0 - 60.0% of mass 95	40.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.4 (0.4) 1
174	50.0 - 100.0% of mass 95	97.9
175	5.0 - 9.0% of mass 174	7.2 (7.3) 1
176	95.0 - 101.0% of mass 174	94.6 (96.6) 1
177	5.0 - 9.0% of mass 176	6 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VF047771.D	04/22/2016	10:46
VSTDIC010	VSTDIC010	VF047772.D	04/22/2016	11:14
VSTDIC020	VSTDIC020	VF047773.D	04/22/2016	11:43
VSTDIC050	VSTDIC050	VF047774.D	04/22/2016	12:12
VSTDIC075	VSTDIC075	VF047775.D	04/22/2016	12:40
VSTDIC100	VSTDIC100	VF047776.D	04/22/2016	13:09

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: <u>CHEMTECH</u>	Contract: <u>LABE01</u>
Lab Code: <u>CHEM</u> Case No.: <u>H2720</u>	SAS No.: <u>H2720</u> SDG NO.: <u>H2720</u>
Lab File ID: <u>VF047866.D</u>	BFB Injection Date: <u>04/28/2016</u>
Instrument ID: <u>MSVOA_F</u>	BFB Injection Time: <u>10:10</u>
GC Column: <u>RTX-VMS</u> ID: <u>0.18</u> (mm)	Heated Purge: Y/N <u>Y</u>

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.7
75	30.0 - 60.0% of mass 95	39.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	89
175	5.0 - 9.0% of mass 174	6 (6.7) 1
176	95.0 - 101.0% of mass 174	86.2 (96.9) 1
177	5.0 - 9.0% of mass 176	5.5 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VF047867.D	04/28/2016	10:49
VF0428SBL01	VF0428SBL01	VF047868.D	04/28/2016	12:06
VF0428SBS01	VF0428SBS01	VF047869.D	04/28/2016	12:35
VF0428SBS01	VF0428SBS01	VF047870.D	04/28/2016	13:04
TP-1D46	H2720-02	VF047879.D	04/28/2016	17:21
TP-5D24	H2720-03	VF047880.D	04/28/2016	17:49

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: LABE01
Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
Lab File ID: VF047890.D BFB Injection Date: 04/29/2016
Instrument ID: MSVOA_F BFB Injection Time: 11:10
GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	16.3
75	30.0 - 60.0% of mass 95	41.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	90.2
175	5.0 - 9.0% of mass 174	6.8 (7.6) 1
176	95.0 - 101.0% of mass 174	86 (95.4) 1
177	5.0 - 9.0% of mass 176	6.1 (7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VF047891.D	04/29/2016	11:46
VSTDIC010	VSTDIC010	VF047892.D	04/29/2016	12:14
VSTDIC020	VSTDIC020	VF047893.D	04/29/2016	12:43
VSTDIC050	VSTDIC050	VF047894.D	04/29/2016	13:11
VSTDIC075	VSTDIC075	VF047895.D	04/29/2016	13:40
VSTDIC100	VSTDIC100	VF047896.D	04/29/2016	14:08

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: LABE01
Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
Lab File ID: VF047898.D BFB Injection Date: 04/29/2016
Instrument ID: MSVOA_F BFB Injection Time: 15:26
GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.9
75	30.0 - 60.0% of mass 95	38
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	96.3
175	5.0 - 9.0% of mass 174	6.7 (6.9) 1
176	95.0 - 101.0% of mass 174	92 (95.5) 1
177	5.0 - 9.0% of mass 176	6.2 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VF047899.D	04/29/2016	16:01
VF0429SBL01	VF0429SBL01	VF047900.D	04/29/2016	17:07
VF0429SBS01	VF0429SBS01	VF047901.D	04/29/2016	18:18
TP-3D02	H2720-01	VF047909.D	04/29/2016	22:05
TP-5D24RE	H2720-03RE	VF047910.D	04/29/2016	22:33

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 Lab File ID: VF047867.D Date Analyzed: 04/28/2016
 Instrument ID: MSVOA_F Time Analyzed: 10:49
 GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	534757	4.86	813426	5.58	742762	9.74
UPPER LIMIT	1069510	5.36	1626850	6.08	1485520	10.24
LOWER LIMIT	267379	4.36	406713	5.08	371381	9.24
EPA SAMPLE NO.						
TP-1D46	458820	4.85	677400	5.57	549542	9.73
TP-5D24	398359	4.85	568275	5.58	425212	9.74
VF0428SBL01	549212	4.86	845430	5.58	698181	9.74
VF0428SBS01	503886	4.86	804079	5.58	687242	9.74
VF0428SBS01	534839	4.86	811221	5.58	719522	9.74

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 Lab File ID: VF047867.D Date Analyzed: 04/28/2016
 Instrument ID: MSVOA_F Time Analyzed: 10:49
 GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	394177	12.51				
UPPER LIMIT	788354	13.01				
LOWER LIMIT	197089	12.01				
EPA SAMPLE NO.						
TP-1D46	231412	12.51				
TP-5D24	180871 *	12.51				
VF0428SBL01	333920	12.51				
VF0428SBS01	359290	12.51				
VF0428SBSD01	380936	12.51				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 Lab File ID: VF047899.D Date Analyzed: 04/29/2016
 Instrument ID: MSVOA_F Time Analyzed: 16:01
 GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	657214	4.85	954616	5.57	848872	9.73
UPPER LIMIT	1314430	5.35	1909230	6.07	1697740	10.23
LOWER LIMIT	328607	4.35	477308	5.07	424436	9.23
EPA SAMPLE NO.						
TP-3D02	521121	4.85	769173	5.58	617335	9.73
TP-5D24RE	484581	4.86	738894	5.59	557117	9.74
VF0429SBL01	581588	4.85	945665	5.58	796204	9.74
VF0429SBS01	590689	4.85	951088	5.58	829150	9.73

IS1 = Pentafluorobenzene
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 Lab File ID: VF047899.D Date Analyzed: 04/29/2016
 Instrument ID: MSVOA_F Time Analyzed: 16:01
 GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	445752	12.5				
UPPER LIMIT	891504	13				
LOWER LIMIT	222876	12				
EPA SAMPLE NO.						
TP-3D02	253991	12.51				
TP-5D24RE	188419 *	12.51				
VF0429SBL01	360086	12.51				
VF0429SBS01	429705	12.51				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0428SBL01	SDG No.:	H2720
Lab Sample ID:	VF0428SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047868.D	1		04/28/16 12:06	VF042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1634-04-4	Methyl tert-butyl Ether	5	U	0.5	0.5	5	ug/Kg
71-43-2	Benzene	5	U	0.38	0.5	5	ug/Kg
108-88-3	Toluene	5	U	0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	5	U	0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	10	U	0.72	1	10	ug/Kg
95-47-6	o-Xylene	5	U	0.5	0.5	5	ug/Kg
98-82-8	Isopropylbenzene	5	U	0.48	0.5	5	ug/Kg
103-65-1	n-propylbenzene	5	U	0.36	0.5	5	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5	U	0.45	0.5	5	ug/Kg
98-06-6	tert-Butylbenzene	5	U	0.5	0.5	5	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	5	U	0.5	0.5	5	ug/Kg
135-98-8	sec-Butylbenzene	5	U	0.5	0.5	5	ug/Kg
99-87-6	p-Isopropyltoluene	5	U	0.29	0.5	5	ug/Kg
104-51-8	n-Butylbenzene	5	U	0.46	0.5	5	ug/Kg
91-20-3	Naphthalene	5	U	0.45	0.5	5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	45.2		56 - 120		90%	SPK: 50
1868-53-7	Dibromofluoromethane	42.8		57 - 135		86%	SPK: 50
2037-26-5	Toluene-d8	46.8		67 - 123		94%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.9		33 - 141		82%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	549212	4.86				
540-36-3	1,4-Difluorobenzene	845430	5.58				
3114-55-4	Chlorobenzene-d5	698181	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	333920	12.51				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0429SBL01	SDG No.:	H2720
Lab Sample ID:	VF0429SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047900.D	1		04/29/16 17:07	VF042916

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1634-04-4	Methyl tert-butyl Ether	5	U	0.5	0.5	5	ug/Kg
71-43-2	Benzene	5	U	0.38	0.5	5	ug/Kg
108-88-3	Toluene	5	U	0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	5	U	0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	10	U	0.72	1	10	ug/Kg
95-47-6	o-Xylene	5	U	0.5	0.5	5	ug/Kg
98-82-8	Isopropylbenzene	5	U	0.48	0.5	5	ug/Kg
103-65-1	n-propylbenzene	5	U	0.36	0.5	5	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5	U	0.45	0.5	5	ug/Kg
98-06-6	tert-Butylbenzene	5	U	0.5	0.5	5	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	5	U	0.5	0.5	5	ug/Kg
135-98-8	sec-Butylbenzene	5	U	0.5	0.5	5	ug/Kg
99-87-6	p-Isopropyltoluene	5	U	0.29	0.5	5	ug/Kg
104-51-8	n-Butylbenzene	5	U	0.46	0.5	5	ug/Kg
91-20-3	Naphthalene	5	U	0.45	0.5	5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	48.3		56 - 120		97%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		57 - 135		95%	SPK: 50
2037-26-5	Toluene-d8	46.9		67 - 123		94%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.6		33 - 141		85%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	581588	4.85				
540-36-3	1,4-Difluorobenzene	945665	5.58				
3114-55-4	Chlorobenzene-d5	796204	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	360086	12.51				

U = Not Detected

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D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0428SBS01	SDG No.:	H2720
Lab Sample ID:	VF0428SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047869.D	1		04/28/16 12:35	VF042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1634-04-4	Methyl tert-butyl Ether	21.1		0.5	0.5	5	ug/Kg
71-43-2	Benzene	20.5		0.38	0.5	5	ug/Kg
108-88-3	Toluene	21.8		0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	22.9		0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	46.3		0.72	1	10	ug/Kg
95-47-6	o-Xylene	22.3		0.5	0.5	5	ug/Kg
98-82-8	Isopropylbenzene	22.5		0.48	0.5	5	ug/Kg
103-65-1	n-propylbenzene	23.4		0.36	0.5	5	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	22.9		0.45	0.5	5	ug/Kg
98-06-6	tert-Butylbenzene	23		0.5	0.5	5	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	23.3		0.5	0.5	5	ug/Kg
135-98-8	sec-Butylbenzene	22.9		0.5	0.5	5	ug/Kg
99-87-6	p-Isopropyltoluene	23.2		0.29	0.5	5	ug/Kg
104-51-8	n-Butylbenzene	23		0.46	0.5	5	ug/Kg
91-20-3	Naphthalene	18.5		0.45	0.5	5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52		56 - 120		104%	SPK: 50
1868-53-7	Dibromofluoromethane	46.5		57 - 135		93%	SPK: 50
2037-26-5	Toluene-d8	49.9		67 - 123		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		33 - 141		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	503886	4.86				
540-36-3	1,4-Difluorobenzene	804079	5.58				
3114-55-4	Chlorobenzene-d5	687242	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	359290	12.51				

U = Not Detected

LOQ = Limit of Quantitation

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0429SBS01	SDG No.:	H2720
Lab Sample ID:	VF0429SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047901.D	1		04/29/16 18:18	VF042916

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1634-04-4	Methyl tert-butyl Ether	21.5		0.5	0.5	5	ug/Kg
71-43-2	Benzene	19.9		0.38	0.5	5	ug/Kg
108-88-3	Toluene	21.4		0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	21.6		0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	41.1		0.72	1	10	ug/Kg
95-47-6	o-Xylene	21.1		0.5	0.5	5	ug/Kg
98-82-8	Isopropylbenzene	21.9		0.48	0.5	5	ug/Kg
103-65-1	n-propylbenzene	20.8		0.36	0.5	5	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	21.1		0.45	0.5	5	ug/Kg
98-06-6	tert-Butylbenzene	21.7		0.5	0.5	5	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	21		0.5	0.5	5	ug/Kg
135-98-8	sec-Butylbenzene	21.7		0.5	0.5	5	ug/Kg
99-87-6	p-Isopropyltoluene	20.8		0.29	0.5	5	ug/Kg
104-51-8	n-Butylbenzene	20.9		0.46	0.5	5	ug/Kg
91-20-3	Naphthalene	18.6		0.45	0.5	5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.9		56 - 120		106%	SPK: 50
1868-53-7	Dibromofluoromethane	53.2		57 - 135		106%	SPK: 50
2037-26-5	Toluene-d8	52		67 - 123		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.1		33 - 141		102%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	590689	4.85				
540-36-3	1,4-Difluorobenzene	951088	5.58				
3114-55-4	Chlorobenzene-d5	829150	9.73				
3855-82-1	1,4-Dichlorobenzene-d4	429705	12.51				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0428SBS01	SDG No.:	H2720
Lab Sample ID:	VF0428SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047870.D	1		04/28/16 13:04	VF042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1634-04-4	Methyl tert-butyl Ether	19.1		0.5	0.5	5	ug/Kg
71-43-2	Benzene	19.9		0.38	0.5	5	ug/Kg
108-88-3	Toluene	20.9		0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	21.7		0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	42.7		0.72	1	10	ug/Kg
95-47-6	o-Xylene	20.6		0.5	0.5	5	ug/Kg
98-82-8	Isopropylbenzene	20.8		0.48	0.5	5	ug/Kg
103-65-1	n-propylbenzene	21.5		0.36	0.5	5	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	20.3		0.45	0.5	5	ug/Kg
98-06-6	tert-Butylbenzene	21.3		0.5	0.5	5	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	20.9		0.5	0.5	5	ug/Kg
135-98-8	sec-Butylbenzene	21		0.5	0.5	5	ug/Kg
99-87-6	p-Isopropyltoluene	21		0.29	0.5	5	ug/Kg
104-51-8	n-Butylbenzene	20.2		0.46	0.5	5	ug/Kg
91-20-3	Naphthalene	18.4		0.45	0.5	5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47		56 - 120		94%	SPK: 50
1868-53-7	Dibromofluoromethane	45.4		57 - 135		91%	SPK: 50
2037-26-5	Toluene-d8	49.1		67 - 123		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.9		33 - 141		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	534839	4.86				
540-36-3	1,4-Difluorobenzene	811221	5.58				
3114-55-4	Chlorobenzene-d5	719522	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	380936	12.51				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: MSVOA_F Calibration Date(s): 04/22/2016 04/22/2016
 Heated Purge: (Y/N) Y Calibration Time(s): 10:46 13:09
 GC Column: RTX-VMS ID: 0.18 (mm)

LAB FILE ID:	RRF005 = VF047771.D	RRF010 = VF047772.D	RRF020 = VF047773.D					
	RRF050 = VF047774.D	RRF075 = VF047775.D	RRF100 = VF047776.D					
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF075	RRF100	RRF	% RSD
Methyl tert-butyl Ether	1.008	1.005	1.073	0.915	0.972	0.959	0.989	5.4
Benzene	1.125	1.121	1.253	0.978	1.047	1.033	1.093	8.8
Toluene	0.676	0.703	0.817	0.658	0.710	0.698	0.710	7.8
Ethyl Benzene	1.604	1.583	1.749	1.416	1.363	1.383	1.517	10.1
m/p-Xylenes	0.586	0.592	0.693	0.554	0.538	0.559	0.587	9.5
o-Xylene	0.538	0.578	0.702	0.581	0.568	0.599	0.594	9.5
Isopropylbenzene	2.990	2.941	3.400	2.815	2.762	2.821	2.955	7.9
n-propylbenzene	3.886	3.667	4.040	3.210	3.053	3.177	3.506	11.8
1,3,5-Trimethylbenzene	2.447	2.547	2.806	2.244	2.183	2.249	2.412	9.8
tert-Butylbenzene	2.422	2.524	2.820	2.214	2.226	2.272	2.413	9.7
1,2,4-Trimethylbenzene	2.461	2.569	2.828	2.191	2.236	2.304	2.432	9.9
sec-Butylbenzene	3.291	3.331	3.681	2.862	2.823	2.927	3.153	10.7
p-Isopropyltoluene	2.694	2.703	2.915	2.377	2.242	2.338	2.545	10.4
n-Butylbenzene	2.308	2.478	2.724	2.180	2.058	2.096	2.307	11.1
Naphthalene	1.522	1.674	2.289	1.970	2.310	2.132	1.983	16.4
1,2-Dichloroethane-d4	0.489	0.448	0.461	0.454	0.488	0.484	0.471	3.9
Dibromofluoromethane	0.396	0.347	0.409	0.351	0.375	0.386	0.377	6.5
Toluene-d8	0.887	0.820	0.988	0.899	0.996	0.977	0.928	7.6
4-Bromofluorobenzene	0.418	0.389	0.434	0.378	0.428	0.412	0.410	5.4

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: MSVOA_F Calibration Date(s): 04/29/2016 04/29/2016
 Heated Purge: (Y/N) Y Calibration Time(s): 11:46 14:08
 GC Column: RTX-VMS ID: 0.18 (mm)

LAB FILE ID:	RRF005 = VF047891.D	RRF010 = VF047892.D	RRF020 = VF047893.D					
	RRF050 = VF047894.D	RRF075 = VF047895.D	RRF100 = VF047896.D					
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF075	RRF100	RRF	% RSD
Methyl tert-butyl Ether	1.134	0.898	0.959	0.971	0.886	0.908	0.959	9.6
Benzene	1.327	1.046	1.180	1.160	1.146	1.146	1.167	7.8
Toluene	0.847	0.671	0.766	0.765	0.768	0.704	0.753	8.1
Ethyl Benzene	1.817	1.468	1.629	1.603	1.597	1.496	1.602	7.7
m/p-Xylenes	0.720	0.579	0.636	0.633	0.607	0.589	0.627	8.1
o-Xylene	0.609	0.541	0.630	0.647	0.646	0.613	0.614	6.4
Isopropylbenzene	3.602	3.019	3.195	3.255	3.042	3.111	3.204	6.7
n-propylbenzene	4.451	3.574	3.738	3.758	3.625	3.524	3.778	9
1,3,5-Trimethylbenzene	3.010	2.443	2.570	2.550	2.421	2.426	2.570	8.7
tert-Butylbenzene	3.022	2.432	2.612	2.521	2.487	2.383	2.576	9
1,2,4-Trimethylbenzene	3.048	2.448	2.593	2.699	2.575	2.465	2.638	8.4
sec-Butylbenzene	3.738	3.151	3.326	3.384	3.203	3.208	3.335	6.5
p-Isopropyltoluene	3.200	2.514	2.702	2.698	2.572	2.463	2.692	9.9
n-Butylbenzene	2.710	2.246	2.366	2.469	2.281	2.337	2.401	7.1
Naphthalene	1.816	1.618	1.925	2.380	2.393	2.468	2.100	17.1
1,2-Dichloroethane-d4	0.450	0.474	0.428	0.467	0.490	0.503	0.469	5.7
Dibromofluoromethane	0.374	0.360	0.341	0.341	0.377	0.369	0.360	4.5
Toluene-d8	0.940	0.904	0.886	0.956	1.027	0.998	0.952	5.6
4-Bromofluorobenzene	0.407	0.437	0.390	0.383	0.423	0.422	0.410	5.1

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: MSVOA_F Calibration Date/Time: 04/28/2016 10:49
 Lab File ID: VF047867.D Init. Calib. Date(s): 04/22/2016 04/22/2016
 Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:46 13:09
 GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Methyl tert-butyl Ether	0.989	1.055		6.72	20
Benzene	1.093	1.133		3.61	20
Toluene	0.710	0.790		11.32	20
Ethyl Benzene	1.517	1.617		6.64	20
m/p-Xylenes	0.587	0.629		7.16	20
o-Xylene	0.594	0.658		10.65	20
Isopropylbenzene	2.955	3.147		6.52	20
n-propylbenzene	3.506	3.697		5.47	20
1,3,5-Trimethylbenzene	2.412	2.555		5.91	20
tert-Butylbenzene	2.413	2.649		9.78	20
1,2,4-Trimethylbenzene	2.432	2.604		7.09	20
sec-Butylbenzene	3.153	3.325		5.47	20
p-Isopropyltoluene	2.545	2.739		7.63	20
n-Butylbenzene	2.307	2.482		7.58	20
Naphthalene	1.983	2.087		5.27	20
1,2-Dichloroethane-d4	0.471	0.494		4.93	20
Dibromofluoromethane	0.377	0.362		-3.92	20
Toluene-d8	0.928	0.990		6.66	20
4-Bromofluorobenzene	0.410	0.430		5	20

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: MSVOA_F Calibration Date/Time: 04/29/2016 16:01
 Lab File ID: VF047899.D Init. Calib. Date(s): 04/29/2016 04/29/2016
 Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 14:08
 GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Methyl tert-butyl Ether	0.959	0.879		-8.34	20
Benzene	1.167	1.132		-3.01	20
Toluene	0.753	0.722		-4.21	20
Ethyl Benzene	1.602	1.579		-1.39	20
m/p-Xylenes	0.627	0.626		-0.16	20
o-Xylene	0.614	0.630		2.56	20
Isopropylbenzene	3.204	3.076		-3.99	20
n-propylbenzene	3.778	3.578		-5.3	20
1,3,5-Trimethylbenzene	2.570	2.520		-1.93	20
tert-Butylbenzene	2.576	2.493		-3.24	20
1,2,4-Trimethylbenzene	2.638	2.536		-3.86	20
sec-Butylbenzene	3.335	3.198		-4.11	20
p-Isopropyltoluene	2.692	2.668		-0.87	20
n-Butylbenzene	2.401	2.417		0.66	20
Naphthalene	2.100	2.275		8.32	20
1,2-Dichloroethane-d4	0.469	0.517		10.35	20
Dibromofluoromethane	0.360	0.370		2.58	20
Toluene-d8	0.952	1.051		10.44	20
4-Bromofluorobenzene	0.410	0.433		5.43	20

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

LAB CHRONICLE

OrderID: H2720	OrderDate: 4/25/2016 1:46:32 PM
Client: LaBella Associates P.C.	Project: 4185 Military Road, Niagara, NY
Contact: Adam Zebrowski	Location: O23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2720-01	TP-3D02	SOIL	SVOCMS Group2	8270D	04/21/16	04/28/16	05/08/16	04/25/16
H2720-02	TP-1D46	SOIL	SVOCMS Group2	8270D	04/21/16	04/28/16	05/01/16	04/25/16
H2720-03	TP-5D24	SOIL	SVOCMS Group2	8270D	04/21/16	04/28/16	05/01/16	04/25/16
H2720-05	SS1	SOIL	SVOCMS Group1	8270D	04/21/16	04/28/16	05/07/16	04/25/16
H2720-06	SS2	SOIL	SVOCMS Group1	8270D	04/21/16	04/28/16	05/08/16	04/25/16
H2720-07	SS3	SOIL	SVOCMS Group1	8270D	04/22/16	04/28/16	05/08/16	04/25/16
H2720-08	SS4	SOIL	SVOCMS Group1	8270D	04/22/16	04/28/16	05/08/16	04/25/16
H2720-09	SS5	SOIL	SVOCMS Group1	8270D	04/22/16	04/28/16	05/01/16	04/25/16
H2720-12	SS6	SOIL	SVOCMS Group1	8270D	04/22/16	04/28/16	05/08/16	04/25/16
H2720-13	SS7	SOIL	SVOCMS Group1	8270D	04/22/16	04/28/16	05/08/16	04/25/16
H2720-14	DUP	SOIL	SVOCMS Group1	8270D	04/21/16	04/28/16	05/05/16	04/25/16
H2720-15	TP-6D02	SOIL	SVOCMS Group1	8270D	04/21/16	04/28/16	05/06/16	04/25/16

LAB CHRONICLE

H2720-16	TP-8D46	SOIL			04/21/16		04/25/16
			SVOCMS Group1	8270D		04/28/16	05/01/16
H2720-17	TP-10D46	SOIL			04/22/16		04/25/16
			SVOCMS Group1	8270D		04/28/16	05/01/16
H2720-18	TP-11D24	SOIL			04/22/16		04/25/16
			SVOCMS Group1	8270D		04/28/16	05/01/16
H2720-19	TP-13D24	SOIL			04/22/16		04/25/16
			SVOCMS Group1	8270D		04/28/16	05/01/16
H2720-20	TP-14D02	SOIL			04/22/16		04/25/16
			SVOCMS Group1	8270D		04/28/16	05/08/16
H2720-21	TP-18D24	SOIL			04/22/16		04/25/16
			SVOCMS Group1	8270D		04/28/16	05/06/16

Hit Summary Sheet SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : SS1									
H2720-05	SS1	SOIL	Dimethylphthalate	490.000		11.2	41.5	410	ug/Kg
			Total Svoc :	490.00					
H2720-05	SS1	SOIL	Eicosane *	380.000	J	0		0	ug/Kg
H2720-05	SS1	SOIL	Hexadecane *	260.000	J	0		0	ug/Kg
H2720-05	SS1	SOIL	n-Hexadecanoic acid *	450.000	J	0		0	ug/Kg
H2720-05	SS1	SOIL	Octadecanoic acid *	490.000	J	0		0	ug/Kg
H2720-05	SS1	SOIL	unknown15.12 *	200.000	J	0		0	ug/Kg
H2720-05	SS1	SOIL	unknown6.48 *	7,100.000	J	0		0	ug/Kg
H2720-05	SS1	SOIL	1,4-Methanoazulen-7-ol, decahyd *	1,100.000	J	0		0	ug/Kg
H2720-05	SS1	SOIL	1-Docosene *	300.000	J	0		0	ug/Kg
H2720-05	SS1	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	550.000	AB	0		0	ug/Kg
H2720-05	SS1	SOIL	9,19-Cyclolanost-24-en-3-ol, acet *	780.000	J	0		0	ug/Kg
H2720-05	SS1	SOIL	Cyclotetracosane *	180.000	J	0		0	ug/Kg
			Total Tics :	11,790.00					
			Total Concentration:	12,280.00					
Client ID : SS2									
H2720-06	SS2	SOIL	Dimethylphthalate	360.000	J	11	40.7	400	ug/Kg
H2720-06	SS2	SOIL	Phenanthrene	270.000	J	11	40.7	400	ug/Kg
H2720-06	SS2	SOIL	Fluoranthene	310.000	J	8.2	40.7	400	ug/Kg
H2720-06	SS2	SOIL	Pyrene	260.000	J	9.8	40.7	400	ug/Kg
H2720-06	SS2	SOIL	Benzo(a)anthracene	190.000	J	19.4	40.7	400	ug/Kg
H2720-06	SS2	SOIL	Chrysene	190.000	J	18.4	40.7	400	ug/Kg
H2720-06	SS2	SOIL	Benzo(b)fluoranthene	200.000	J	13.3	40.7	400	ug/Kg
H2720-06	SS2	SOIL	Benzo(k)fluoranthene	94.400	J	19.2	40.7	400	ug/Kg
H2720-06	SS2	SOIL	Benzo(a)pyrene	140.000	J	8.8	40.7	400	ug/Kg
			Total Svoc :	2,014.40					
H2720-06	SS2	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	510.000	AB	0		0	ug/Kg
H2720-06	SS2	SOIL	3-Methyl-4-(methoxycarbonyl)he *	670.000	J	0		0	ug/Kg
H2720-06	SS2	SOIL	Anthracene, 2-methyl- *	410.000	J	0		0	ug/Kg
H2720-06	SS2	SOIL	Dodecane, 3-methyl- *	240.000	J	0		0	ug/Kg
H2720-06	SS2	SOIL	E-15-Heptadecenal *	390.000	J	0		0	ug/Kg
H2720-06	SS2	SOIL	Eicosane *	300.000	J	0		0	ug/Kg
H2720-06	SS2	SOIL	Hexadecane *	270.000	J	0		0	ug/Kg
H2720-06	SS2	SOIL	Naphthalene, 2,3-dimethyl- *	240.000	J	0		0	ug/Kg
H2720-06	SS2	SOIL	Octane, 2,6-dimethyl- *	320.000	J	0		0	ug/Kg
H2720-06	SS2	SOIL	Phenanthrene, 2,5-dimethyl- *	300.000	J	0		0	ug/Kg
H2720-06	SS2	SOIL	Phenanthrene, 4-methyl- *	430.000	J	0		0	ug/Kg
H2720-06	SS2	SOIL	Tetradecane *	260.000	J	0		0	ug/Kg
H2720-06	SS2	SOIL	unknown12.55 *	310.000	J	0		0	ug/Kg

Hit Summary Sheet SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units	
H2720-06	SS2	SOIL	unknown6.48	*	6,300.000	J	0	0	ug/Kg	
Total Tics :				10,950.00						
Total Concentration:				12,964.40						
Client ID : SS3										
H2720-07	SS3	SOIL	Naphthalene		280.000	J	12.8	37	370	ug/Kg
H2720-07	SS3	SOIL	2-Methylnaphthalene		100.000	J	9.3	37	370	ug/Kg
H2720-07	SS3	SOIL	Dimethylphthalate		420.000		10	37	370	ug/Kg
H2720-07	SS3	SOIL	Acenaphthene		230.000	J	10.4	37	370	ug/Kg
H2720-07	SS3	SOIL	Dibenzofuran		140.000	J	14.4	37	370	ug/Kg
H2720-07	SS3	SOIL	Fluorene		270.000	J	14	37	370	ug/Kg
H2720-07	SS3	SOIL	Phenanthrene		1,500.000		10	37	370	ug/Kg
H2720-07	SS3	SOIL	Anthracene		470.000		7.6	37	370	ug/Kg
H2720-07	SS3	SOIL	Carbazole		250.000	J	8.1	37	370	ug/Kg
H2720-07	SS3	SOIL	Fluoranthene		2,000.000		7.4	37	370	ug/Kg
H2720-07	SS3	SOIL	Pyrene		1,900.000		8.9	37	370	ug/Kg
H2720-07	SS3	SOIL	Benzo(a)anthracene		1,500.000		17.7	37	370	ug/Kg
H2720-07	SS3	SOIL	Chrysene		960.000		16.8	37	370	ug/Kg
H2720-07	SS3	SOIL	Benzo(b)fluoranthene		1,600.000		12.1	37	370	ug/Kg
H2720-07	SS3	SOIL	Benzo(k)fluoranthene		440.000		17.4	37	370	ug/Kg
H2720-07	SS3	SOIL	Benzo(a)pyrene		1,100.000		8	37	370	ug/Kg
H2720-07	SS3	SOIL	Indeno(1,2,3-cd)pyrene		720.000		12.3	37	370	ug/Kg
H2720-07	SS3	SOIL	Dibenzo(a,h)anthracene		190.000	J	10.7	37	370	ug/Kg
H2720-07	SS3	SOIL	Benzo(g,h,i)perylene		540.000		15	37	370	ug/Kg
Total Svoc :				14,610.00						
H2720-07	SS3	SOIL	1,19-Eicosadiene	*	430.000	J	0		0	ug/Kg
H2720-07	SS3	SOIL	11H-Indeno[2,1-a]phenanthrene	*	490.000	J	0		0	ug/Kg
H2720-07	SS3	SOIL	Benzo[b]triphenylene	*	510.000	J	0		0	ug/Kg
H2720-07	SS3	SOIL	2-Pentanone, 4-hydroxy-4-methyl-	*	530.000	AB	0		0	ug/Kg
H2720-07	SS3	SOIL	3,4:9,10-Dibenzopyrene	*	610.000	J	0		0	ug/Kg
H2720-07	SS3	SOIL	3-Methyl-4-(methoxycarbonyl)hept	*	530.000	J	0		0	ug/Kg
H2720-07	SS3	SOIL	4H-Cyclopenta[def]phenanthrene	*	1,100.000	J	0		0	ug/Kg
H2720-07	SS3	SOIL	9H-Fluorene, 9-(phenylmethylene)	*	460.000	J	0		0	ug/Kg
H2720-07	SS3	SOIL	Androst-4-en-3-one, 17-hydroxy-,	*	790.000	J	0		0	ug/Kg
H2720-07	SS3	SOIL	Dinaphtho[1,2-b:1,2-d]furan	*	440.000	J	0		0	ug/Kg
H2720-07	SS3	SOIL	Nonadecane	*	450.000	J	0		0	ug/Kg
H2720-07	SS3	SOIL	Octadecane	*	520.000	J	0		0	ug/Kg
H2720-07	SS3	SOIL	unknown14.61	*	500.000	J	0		0	ug/Kg
H2720-07	SS3	SOIL	Phenanthrene, 1-methyl-	*	610.000	J	0		0	ug/Kg
H2720-07	SS3	SOIL	Phenanthrene, 2-methyl-	*	1,100.000	J	0		0	ug/Kg
Total Tics :				9,070.00						
Total Concentration:				23,680.00						

Hit Summary Sheet SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : SS4									
H2720-08	SS4	SOIL	Naphthalene	100.000	J	13.7	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Dimethylphthalate	420.000		10.8	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Acenaphthene	120.000	J	11.2	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Dibenzofuran	87.200	J	15.5	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Fluorene	170.000	J	15.1	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Phenanthrene	1,000.000		10.8	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Anthracene	270.000	J	8.1	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Carbazole	130.000	J	8.7	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Fluoranthene	990.000		8	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Pyrene	800.000		9.6	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Benzo(a)anthracene	660.000		19	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Chrysene	530.000		18	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Benzo(b)fluoranthene	620.000		13	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Benzo(k)fluoranthene	300.000	J	18.8	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Benzo(a)pyrene	490.000		8.6	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Indeno(1,2,3-cd)pyrene	270.000	J	13.3	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Dibenzo(a,h)anthracene	80.800	J	11.5	39.8	390	ug/Kg
H2720-08	SS4	SOIL	Benzo(g,h,i)perylene	200.000	J	16.1	39.8	390	ug/Kg
Total Svoc :				7,238.00					
H2720-08	SS4	SOIL	11H-Benzo[a]fluorene	*	280.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	2-Pentanone, 4-hydroxy-4-methyl-	*	500.000	AB	0	0	ug/Kg
H2720-08	SS4	SOIL	2-Phenylnaphthalene	*	270.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	4H-Cyclopenta[def]phenanthrene	*	620.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	5-Ethyldecane	*	270.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	Behenyl chloride	*	290.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	Benzo[e]pyrene	*	490.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	E-15-Heptadecenal	*	510.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	Eicosane	*	660.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	Hexadecane	*	240.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	n-Hexadecanoic acid	*	1,200.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	Nonadecane	*	560.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	Octacosane	*	280.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	Octadecane	*	380.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	Squalene	*	440.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	Tridecane	*	370.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	unknown6.48	*	6,200.000	J	0	0	ug/Kg
H2720-08	SS4	SOIL	Phenanthrene, 1-methyl-	*	350.000	J	0	0	ug/Kg
Total Tics :				13,910.00					
Total Concentration:				21,148.00					
Client ID : SS5									
H2720-09	SS5	SOIL	Dimethylphthalate	420.000		11.4	42.3	420	ug/Kg

Hit Summary Sheet SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
			Total Svoc :	420.00					
H2720-09	SS5	SOIL	Eicosane	*	87.600	J	0	0	ug/Kg
H2720-09	SS5	SOIL	Hexadecane	*	130.000	J	0	0	ug/Kg
H2720-09	SS5	SOIL	unknown6.53	*	4,000.000	JB	0	0	ug/Kg
H2720-09	SS5	SOIL	1-Docosene	*	270.000	J	0	0	ug/Kg
H2720-09	SS5	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	260.000	AB	0	0	ug/Kg
			Total Tics :	4,747.60					
			Total Concentration:	5,167.60					
Client ID : SS6									
H2720-12	SS6	SOIL	Dimethylphthalate		530.000		11.1	41.1	ug/Kg
H2720-12	SS6	SOIL	Phenanthrene		460.000		11.1	41.1	ug/Kg
H2720-12	SS6	SOIL	Anthracene		82.700	J	8.4	41.1	ug/Kg
H2720-12	SS6	SOIL	Fluoranthene		690.000		8.3	41.1	ug/Kg
H2720-12	SS6	SOIL	Pyrene		570.000		9.9	41.1	ug/Kg
H2720-12	SS6	SOIL	Benzo(a)anthracene		370.000	J	19.6	41.1	ug/Kg
H2720-12	SS6	SOIL	Chrysene		350.000	J	18.6	41.1	ug/Kg
H2720-12	SS6	SOIL	Benzo(b)fluoranthene		460.000		13.5	41.1	ug/Kg
H2720-12	SS6	SOIL	Benzo(k)fluoranthene		210.000	J	19.4	41.1	ug/Kg
H2720-12	SS6	SOIL	Benzo(a)pyrene		330.000	J	8.9	41.1	ug/Kg
H2720-12	SS6	SOIL	Indeno(1,2,3-cd)pyrene		200.000	J	13.7	41.1	ug/Kg
H2720-12	SS6	SOIL	Benzo(g,h,i)perylene		170.000	J	16.7	41.1	ug/Kg
			Total Svoc :	4,422.70					
H2720-12	SS6	SOIL	.beta.-Sitosterol	*	610.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	1,19-Eicosadiene	*	690.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	17-Pentatriacontene	*	830.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	1-Docosene	*	540.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	1-Eicosanol	*	470.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	26-Nor-5-cholesten-3.beta.-ol-25-	*	820.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	570.000	AB	0	0	ug/Kg
H2720-12	SS6	SOIL	Acetic acid, octadecyl ester	*	510.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	Benzo[e]pyrene	*	460.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	n-Hexadecanoic acid	*	1,400.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	Nonadecane	*	600.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	Octadecanal	*	610.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	Octadecanoic acid	*	450.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	Pentafluoropropionic acid, heptad	*	550.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	Squalene	*	900.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	Tetradecanamide	*	450.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	Tridecane, 7-hexyl-	*	820.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	unknown6.48	*	7,700.000	J	0	0	ug/Kg
H2720-12	SS6	SOIL	Hexadecane	*	470.000	J	0	0	ug/Kg
			Total Tics :	19,450.00					

Hit Summary Sheet SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Total Concentration:				23,872.70					
Client ID : SS7									
H2720-13	SS7	SOIL	Dimethylphthalate	430.000	J	51.6	190	1900	ug/Kg
Total Svoc :				430.00					
H2720-13	SS7	SOIL	unknown6.48	*	8,400.000	J	0	0	ug/Kg
Total Tics :				8,400.00					
Total Concentration:				8,830.00					
Client ID : DUP									
H2720-14	DUP	SOIL	Dimethylphthalate	490.000		11.2	41.4	410	ug/Kg
Total Svoc :				490.00					
H2720-14	DUP	SOIL	Eicosane	*	350.000	J	0	0	ug/Kg
H2720-14	DUP	SOIL	Hexadecane	*	200.000	J	0	0	ug/Kg
H2720-14	DUP	SOIL	Octadecanal	*	340.000	J	0	0	ug/Kg
H2720-14	DUP	SOIL	Pentadecane, 2,6,10-trimethyl-	*	180.000	J	0	0	ug/Kg
H2720-14	DUP	SOIL	Tetradecanal	*	340.000	J	0	0	ug/Kg
H2720-14	DUP	SOIL	Tridecanoic acid	*	370.000	J	0	0	ug/Kg
H2720-14	DUP	SOIL	unknown10.49	*	480.000	J	0	0	ug/Kg
H2720-14	DUP	SOIL	unknown17.09	*	290.000	J	0	0	ug/Kg
H2720-14	DUP	SOIL	unknown18.20	*	1,200.000	J	0	0	ug/Kg
H2720-14	DUP	SOIL	unknown18.41	*	2,200.000	J	0	0	ug/Kg
H2720-14	DUP	SOIL	unknown6.49	*	3,000.000	J	0	0	ug/Kg
H2720-14	DUP	SOIL	Z-12-Pentacosene	*	710.000	J	0	0	ug/Kg
H2720-14	DUP	SOIL	1-Docosene	*	850.000	J	0	0	ug/Kg
H2720-14	DUP	SOIL	2-Pentanone, 4-hydroxy-4-methyl-	*	220.000	AB	0	0	ug/Kg
H2720-14	DUP	SOIL	9-Tricosene, (Z)-	*	910.000	J	0	0	ug/Kg
H2720-14	DUP	SOIL	Cyclopropane, 2-bromo-1,1,3-trimethyl-	*	220.000	J	0	0	ug/Kg
Total Tics :				11,860.00					
Total Concentration:				12,350.00					
Client ID : TP-6D02									
H2720-15	TP-6D02	SOIL	Dimethylphthalate	420.000		10.6	39.3	390	ug/Kg
Total Svoc :				420.00					
H2720-15	TP-6D02	SOIL	E-7-Octadecene	*	460.000	J	0	0	ug/Kg
H2720-15	TP-6D02	SOIL	Hexadecane	*	250.000	J	0	0	ug/Kg
H2720-15	TP-6D02	SOIL	Oxirane, heptadecyl-	*	220.000	J	0	0	ug/Kg
H2720-15	TP-6D02	SOIL	Undecanoic acid	*	230.000	J	0	0	ug/Kg
H2720-15	TP-6D02	SOIL	unknown10.41	*	390.000	J	0	0	ug/Kg
H2720-15	TP-6D02	SOIL	unknown10.49	*	3,100.000	J	0	0	ug/Kg
H2720-15	TP-6D02	SOIL	unknown18.40	*	2,700.000	J	0	0	ug/Kg
H2720-15	TP-6D02	SOIL	unknown6.50	*	7,100.000	J	0	0	ug/Kg
H2720-15	TP-6D02	SOIL	1,19-Eicosadiene	*	200.000	J	0	0	ug/Kg
H2720-15	TP-6D02	SOIL	1-Butene, 2,3,3-trimethyl-	*	730.000	J	0	0	ug/Kg

Hit Summary Sheet SW-846

SDG No.: H2720
Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
H2720-15	TP-6D02	SOIL	1-Docosene	*	730.000	J 0		0	ug/Kg
H2720-15	TP-6D02	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	490.000	AB 0		0	ug/Kg
H2720-15	TP-6D02	SOIL	9,19-Cyclolanost-24-en-3-ol, acet	*	1,300.000	J 0		0	ug/Kg
H2720-15	TP-6D02	SOIL	Cholest-5-ene, 3-ethoxy-, (3.beta.	*	310.000	J 0		0	ug/Kg
H2720-15	TP-6D02	SOIL	Cyclotetracosane	*	870.000	J 0		0	ug/Kg
Total Tics :				19,080.00					
Total Concentration:				19,500.00					
Client ID : TP-8D46									
H2720-16	TP-8D46	SOIL	Dimethylphthalate		480.000	12.3	45.6	450	ug/Kg
Total Svoc :				480.00					
H2720-16	TP-8D46	SOIL	1-Docosene	*	640.000	J 0		0	ug/Kg
H2720-16	TP-8D46	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	AB 0		0	ug/Kg
H2720-16	TP-8D46	SOIL	Eicosane	*	150.000	J 0		0	ug/Kg
H2720-16	TP-8D46	SOIL	unknown13.25	*	99.800	J 0		0	ug/Kg
H2720-16	TP-8D46	SOIL	unknown13.38	*	380.000	J 0		0	ug/Kg
H2720-16	TP-8D46	SOIL	unknown6.53	*	3,600.000	JB 0		0	ug/Kg
Total Tics :				5,069.80					
Total Concentration:				5,549.80					
Client ID : TP-10D46									
H2720-17	TP-10D46	SOIL	Dimethylphthalate		400.000	J 11.2	41.4	410	ug/Kg
Total Svoc :				400.00					
H2720-17	TP-10D46	SOIL	1-Docosene	*	160.000	J 0		0	ug/Kg
H2720-17	TP-10D46	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	290.000	AB 0		0	ug/Kg
H2720-17	TP-10D46	SOIL	Hexadecane	*	120.000	J 0		0	ug/Kg
H2720-17	TP-10D46	SOIL	unknown6.53	*	3,900.000	JB 0		0	ug/Kg
Total Tics :				4,470.00					
Total Concentration:				4,870.00					
Client ID : TP-11D24									
H2720-18	TP-11D24	SOIL	Dimethylphthalate		470.000	11.6	43.1	430	ug/Kg
Total Svoc :				470.00					
H2720-18	TP-11D24	SOIL	1-Docosene	*	670.000	J 0		0	ug/Kg
H2720-18	TP-11D24	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	300.000	AB 0		0	ug/Kg
H2720-18	TP-11D24	SOIL	Eicosane	*	120.000	J 0		0	ug/Kg
H2720-18	TP-11D24	SOIL	Hexadecane	*	92.700	J 0		0	ug/Kg
H2720-18	TP-11D24	SOIL	Pentafluoropropionic acid, heptad	*	120.000	J 0		0	ug/Kg
H2720-18	TP-11D24	SOIL	unknown6.53	*	4,100.000	JB 0		0	ug/Kg
Total Tics :				5,402.70					
Total Concentration:				5,872.70					
Client ID : TP-13D24									
H2720-19	TP-13D24	SOIL	Dimethylphthalate		390.000	J 10.8	40	400	ug/Kg
Total Svoc :				390.00					

Hit Summary Sheet SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
H2720-19	TP-13D24	SOIL	1-Docosene	*	170.000	J	0	0	ug/Kg
H2720-19	TP-13D24	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	220.000	AB	0	0	ug/Kg
H2720-19	TP-13D24	SOIL	unknown6.53	*	3,600.000	JB	0	0	ug/Kg
H2720-19	TP-13D24	SOIL	Pentadecane	*	100.000	J	0	0	ug/Kg
Total Tics :				4,090.00					
Total Concentration:				4,480.00					

Client ID : TP-14D02

H2720-20	TP-14D02	SOIL	Dimethylphthalate		440.000		10.7	39.8	390	ug/Kg
H2720-20	TP-14D02	SOIL	Phenanthrene		490.000		10.7	39.8	390	ug/Kg
H2720-20	TP-14D02	SOIL	Anthracene		110.000	J	8.1	39.8	390	ug/Kg
H2720-20	TP-14D02	SOIL	Fluoranthene		830.000		8	39.8	390	ug/Kg
H2720-20	TP-14D02	SOIL	Pyrene		710.000		9.6	39.8	390	ug/Kg
H2720-20	TP-14D02	SOIL	Benzo(a)anthracene		520.000		19	39.8	390	ug/Kg
H2720-20	TP-14D02	SOIL	Chrysene		340.000	J	18	39.8	390	ug/Kg
H2720-20	TP-14D02	SOIL	Benzo(b)fluoranthene		460.000		13	39.8	390	ug/Kg
H2720-20	TP-14D02	SOIL	Benzo(k)fluoranthene		230.000	J	18.7	39.8	390	ug/Kg
H2720-20	TP-14D02	SOIL	Benzo(a)pyrene		350.000	J	8.6	39.8	390	ug/Kg
H2720-20	TP-14D02	SOIL	Indeno(1,2,3-cd)pyrene		190.000	J	13.3	39.8	390	ug/Kg
H2720-20	TP-14D02	SOIL	Benzo(g,h,i)perylene		180.000	J	16.1	39.8	390	ug/Kg

Total Svoc : 4,850.00

H2720-20	TP-14D02	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	470.000	AB	0		0	ug/Kg
H2720-20	TP-14D02	SOIL	4H-Cyclopenta[def]phenanthrene	*	280.000	J	0		0	ug/Kg
H2720-20	TP-14D02	SOIL	n-Hexadecanoic acid	*	760.000	J	0		0	ug/Kg
H2720-20	TP-14D02	SOIL	Nonadecane	*	300.000	J	0		0	ug/Kg
H2720-20	TP-14D02	SOIL	Octadecanal	*	250.000	J	0		0	ug/Kg
H2720-20	TP-14D02	SOIL	Pentadecane, 8-heptyl-	*	280.000	J	0		0	ug/Kg
H2720-20	TP-14D02	SOIL	Tetracosane	*	330.000	J	0		0	ug/Kg
H2720-20	TP-14D02	SOIL	unknown17.72	*	250.000	J	0		0	ug/Kg
H2720-20	TP-14D02	SOIL	unknown17.88	*	220.000	J	0		0	ug/Kg
H2720-20	TP-14D02	SOIL	unknown18.50	*	250.000	J	0		0	ug/Kg
H2720-20	TP-14D02	SOIL	unknown18.98	*	310.000	J	0		0	ug/Kg
H2720-20	TP-14D02	SOIL	unknown6.48	*	6,000.000	J	0		0	ug/Kg
H2720-20	TP-14D02	SOIL	Heptafluorobutanoic acid, heptade	*	410.000	J	0		0	ug/Kg
H2720-20	TP-14D02	SOIL	Hexadecane	*	250.000	J	0		0	ug/Kg

Total Tics : 10,360.00

Total Concentration: 15,210.00

Client ID : TP-18D24

H2720-21	TP-18D24	SOIL	Dimethylphthalate		500.000		11	40.6	400	ug/Kg
Total Svoc :				500.00						
H2720-21	TP-18D24	SOIL	Hexacosane	*	190.000	J	0		0	ug/Kg
H2720-21	TP-18D24	SOIL	Hexadecane	*	170.000	J	0		0	ug/Kg

Hit Summary Sheet SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
H2720-21	TP-18D24	SOIL	Octacosane	*	360.000	J	0	0	ug/Kg
H2720-21	TP-18D24	SOIL	Octadecane	*	280.000	J	0	0	ug/Kg
H2720-21	TP-18D24	SOIL	Octadecane, 5,14-dibutyl-	*	270.000	J	0	0	ug/Kg
H2720-21	TP-18D24	SOIL	Pentadecane, 8-heptyl-	*	280.000	J	0	0	ug/Kg
H2720-21	TP-18D24	SOIL	Undecanoic acid	*	280.000	J	0	0	ug/Kg
H2720-21	TP-18D24	SOIL	unknown6.50	*	7,300.000	J	0	0	ug/Kg
H2720-21	TP-18D24	SOIL	13-Tetradecen-1-ol acetate	*	250.000	J	0	0	ug/Kg
H2720-21	TP-18D24	SOIL	17-Pentatriacontene	*	320.000	J	0	0	ug/Kg
H2720-21	TP-18D24	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	570.000	AB	0	0	ug/Kg
H2720-21	TP-18D24	SOIL	Docosane, 11-butyl-	*	170.000	J	0	0	ug/Kg
H2720-21	TP-18D24	SOIL	E-15-Heptadecenal	*	1,500.000	J	0	0	ug/Kg
H2720-21	TP-18D24	SOIL	Eicosane	*	300.000	J	0	0	ug/Kg
Total Tics :					12,240.00				
Total Concentration:					12,740.00				

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS1	SDG No.:	H2720
Lab Sample ID:	H2720-05	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086757.D	1	04/28/16 10:31	05/07/16 07:05	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	410	U	21.7	41.5	410	ug/Kg
108-95-2	Phenol	410	U	9.6	41.5	410	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	410	U	19.9	41.5	410	ug/Kg
95-57-8	2-Chlorophenol	410	U	21.9	41.5	410	ug/Kg
95-48-7	2-Methylphenol	410	U	22.5	41.5	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	410	U	17.2	41.5	410	ug/Kg
98-86-2	Acetophenone	410	U	12.7	41.5	410	ug/Kg
65794-96-9	3+4-Methylphenols	410	U	21.5	41.5	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	410	U	20.9	41.5	410	ug/Kg
67-72-1	Hexachloroethane	410	U	18.6	41.5	410	ug/Kg
98-95-3	Nitrobenzene	410	U	15.7	41.5	410	ug/Kg
78-59-1	Isophorone	410	U	13.7	41.5	410	ug/Kg
88-75-5	2-Nitrophenol	410	U	20	41.5	410	ug/Kg
105-67-9	2,4-Dimethylphenol	410	U	23.5	41.5	410	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	410	U	23.9	41.5	410	ug/Kg
120-83-2	2,4-Dichlorophenol	410	U	15.8	41.5	410	ug/Kg
91-20-3	Naphthalene	410	U	14.3	41.5	410	ug/Kg
106-47-8	4-Chloroaniline	410	U	29.3	41.5	410	ug/Kg
87-68-3	Hexachlorobutadiene	410	U	15.1	41.5	410	ug/Kg
105-60-2	Caprolactam	410	U	19.3	83	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	410	U	18.4	41.5	410	ug/Kg
91-57-6	2-Methylnaphthalene	410	U	10.5	41.5	410	ug/Kg
77-47-4	Hexachlorocyclopentadiene	410	U	10.1	41.5	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	410	U	12.7	41.5	410	ug/Kg
95-95-4	2,4,5-Trichlorophenol	410	U	29.1	41.5	410	ug/Kg
92-52-4	1,1-Biphenyl	410	U	15.7	41.5	410	ug/Kg
91-58-7	2-Chloronaphthalene	410	U	9.5	41.5	410	ug/Kg
88-74-4	2-Nitroaniline	410	U	18.4	41.5	410	ug/Kg
131-11-3	Dimethylphthalate	490		11.2	41.5	410	ug/Kg
208-96-8	Acenaphthylene	410	U	10.5	41.5	410	ug/Kg
606-20-2	2,6-Dinitrotoluene	410	U	16.9	41.5	410	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS1	SDG No.:	H2720
Lab Sample ID:	H2720-05	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086757.D	1	04/28/16 10:31	05/07/16 07:05	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	410	U	26.6	83	410	ug/Kg
83-32-9	Acenaphthene	410	U	11.7	41.5	410	ug/Kg
51-28-5	2,4-Dinitrophenol	410	U	42.2	330	410	ug/Kg
100-02-7	4-Nitrophenol	410	U	77.1	210	410	ug/Kg
132-64-9	Dibenzofuran	410	U	16.2	41.5	410	ug/Kg
121-14-2	2,4-Dinitrotoluene	410	U	12.5	41.5	410	ug/Kg
84-66-2	Diethylphthalate	410	U	6.5	41.5	410	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	410	U	22.5	41.5	410	ug/Kg
86-73-7	Fluorene	410	U	15.7	41.5	410	ug/Kg
100-01-6	4-Nitroaniline	410	U	54	83	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	410	U	23.8	210	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	410	U	10	41.5	410	ug/Kg
101-55-3	4-Bromophenyl-phenylether	410	U	8.1	41.5	410	ug/Kg
118-74-1	Hexachlorobenzene	410	U	16.9	41.5	410	ug/Kg
1912-24-9	Atrazine	410	U	21.9	41.5	410	ug/Kg
87-86-5	Pentachlorophenol	410	U	28.4	41.5	410	ug/Kg
85-01-8	Phenanthrene	410	U	11.2	41.5	410	ug/Kg
120-12-7	Anthracene	410	U	8.5	41.5	410	ug/Kg
86-74-8	Carbazole	410	U	9.1	41.5	410	ug/Kg
84-74-2	Di-n-butylphthalate	410	U	32.6	41.5	410	ug/Kg
206-44-0	Fluoranthene	410	U	8.3	41.5	410	ug/Kg
129-00-0	Pyrene	410	U	10	41.5	410	ug/Kg
85-68-7	Butylbenzylphthalate	410	U	19.9	41.5	410	ug/Kg
91-94-1	3,3-Dichlorobenzidine	410	U	26.6	41.5	410	ug/Kg
56-55-3	Benzo(a)anthracene	410	U	19.8	41.5	410	ug/Kg
218-01-9	Chrysene	410	U	18.8	41.5	410	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	410	U	14.7	41.5	410	ug/Kg
117-84-0	Di-n-octyl phthalate	410	U	4.7	41.5	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	410	U	13.6	41.5	410	ug/Kg
207-08-9	Benzo(k)fluoranthene	410	U	19.6	41.5	410	ug/Kg
50-32-8	Benzo(a)pyrene	410	U	9	41.5	410	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410	U	13.8	41.5	410	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	410	U	12	41.5	410	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS1	SDG No.:	H2720
Lab Sample ID:	H2720-05	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086757.D	1	04/28/16 10:31	05/07/16 07:05	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	410	U	16.8	41.5	410	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	410	U	16.3	41.5	410	ug/Kg
123-91-1	1,4-Dioxane	410	U	16.3	83	410	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	410	U	16.3	41.5	410	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120		28 - 127		78%	SPK: 150
13127-88-3	Phenol-d6	130		34 - 127		84%	SPK: 150
4165-60-0	Nitrobenzene-d5	82		31 - 132		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.7		39 - 123		89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		30 - 133		98%	SPK: 150
1718-51-0	Terphenyl-d14	73.5		37 - 115		73%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	188464	6.7				
1146-65-2	Naphthalene-d8	761501	7.98				
15067-26-2	Acenaphthene-d10	365607	9.73				
1517-22-2	Phenanthrene-d10	665882	11.22				
1719-03-5	Chrysene-d12	469293	13.85				
1520-96-3	Perylene-d12	344580	15.22				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	550	AB			4.91	ug/Kg
	unknown6.48	7100	J			6.48	ug/Kg
000544-76-3	Hexadecane	260	J			10.18	ug/Kg
000112-95-8	Eicosane	380	J			10.65	ug/Kg
000057-10-3	n-Hexadecanoic acid	450	J			11.76	ug/Kg
000057-11-4	Octadecanoic acid	490	J			12.54	ug/Kg
001599-67-3	1-Docosene	300	J			13.71	ug/Kg
000297-03-0	Cyclotetracosane	180	J			14.35	ug/Kg
	unknown15.12	200	J			15.12	ug/Kg
001259-10-5	9,19-Cyclolanost-24-en-3-ol, aceta	780	J			18.09	ug/Kg
018319-27-2	1,4-Methanoazulen-7-ol, decahydro-	1100	J			18.29	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS1	SDG No.:	H2720
Lab Sample ID:	H2720-05	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086757.D	1	04/28/16 10:31	05/07/16 07:05	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS2	SDG No.:	H2720
Lab Sample ID:	H2720-06	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	18.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086804.D	1	04/28/16 10:31	05/08/16 05:44	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	400	U	21.2	40.7	400	ug/Kg
108-95-2	Phenol	400	U	9.4	40.7	400	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	400	U	19.5	40.7	400	ug/Kg
95-57-8	2-Chlorophenol	400	U	21.5	40.7	400	ug/Kg
95-48-7	2-Methylphenol	400	U	22.1	40.7	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	400	U	16.9	40.7	400	ug/Kg
98-86-2	Acetophenone	400	U	12.5	40.7	400	ug/Kg
65794-96-9	3+4-Methylphenols	400	U	21.1	40.7	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	400	U	20.5	40.7	400	ug/Kg
67-72-1	Hexachloroethane	400	U	18.2	40.7	400	ug/Kg
98-95-3	Nitrobenzene	400	U	15.4	40.7	400	ug/Kg
78-59-1	Isophorone	400	U	13.4	40.7	400	ug/Kg
88-75-5	2-Nitrophenol	400	U	19.7	40.7	400	ug/Kg
105-67-9	2,4-Dimethylphenol	400	U	23.1	40.7	400	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	400	U	23.4	40.7	400	ug/Kg
120-83-2	2,4-Dichlorophenol	400	U	15.5	40.7	400	ug/Kg
91-20-3	Naphthalene	400	U	14	40.7	400	ug/Kg
106-47-8	4-Chloroaniline	400	U	28.7	40.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	400	U	14.8	40.7	400	ug/Kg
105-60-2	Caprolactam	400	U	18.9	81.4	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	400	U	18.1	40.7	400	ug/Kg
91-57-6	2-Methylnaphthalene	400	U	10.3	40.7	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	400	U	9.9	40.7	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	400	U	12.5	40.7	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	400	U	28.6	40.7	400	ug/Kg
92-52-4	1,1-Biphenyl	400	U	15.4	40.7	400	ug/Kg
91-58-7	2-Chloronaphthalene	400	U	9.3	40.7	400	ug/Kg
88-74-4	2-Nitroaniline	400	U	18.1	40.7	400	ug/Kg
131-11-3	Dimethylphthalate	360	J	11	40.7	400	ug/Kg
208-96-8	Acenaphthylene	400	U	10.3	40.7	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	400	U	16.6	40.7	400	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS2	SDG No.:	H2720
Lab Sample ID:	H2720-06	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	18.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086804.D	1	04/28/16 10:31	05/08/16 05:44	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	400	U	26.1	81.4	400	ug/Kg
83-32-9	Acenaphthene	400	U	11.5	40.7	400	ug/Kg
51-28-5	2,4-Dinitrophenol	400	U	41.4	330	400	ug/Kg
100-02-7	4-Nitrophenol	400	U	75.6	200	400	ug/Kg
132-64-9	Dibenzofuran	400	U	15.9	40.7	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	400	U	12.2	40.7	400	ug/Kg
84-66-2	Diethylphthalate	400	U	6.3	40.7	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	400	U	22.1	40.7	400	ug/Kg
86-73-7	Fluorene	400	U	15.4	40.7	400	ug/Kg
100-01-6	4-Nitroaniline	400	U	53	81.4	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	23.3	200	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	400	U	9.8	40.7	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	400	U	7.9	40.7	400	ug/Kg
118-74-1	Hexachlorobenzene	400	U	16.6	40.7	400	ug/Kg
1912-24-9	Atrazine	400	U	21.5	40.7	400	ug/Kg
87-86-5	Pentachlorophenol	400	U	27.8	40.7	400	ug/Kg
85-01-8	Phenanthrene	270	J	11	40.7	400	ug/Kg
120-12-7	Anthracene	400	U	8.3	40.7	400	ug/Kg
86-74-8	Carbazole	400	U	8.9	40.7	400	ug/Kg
84-74-2	Di-n-butylphthalate	400	U	32	40.7	400	ug/Kg
206-44-0	Fluoranthene	310	J	8.2	40.7	400	ug/Kg
129-00-0	Pyrene	260	J	9.8	40.7	400	ug/Kg
85-68-7	Butylbenzylphthalate	400	U	19.5	40.7	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	400	U	26.1	40.7	400	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	19.4	40.7	400	ug/Kg
218-01-9	Chrysene	190	J	18.4	40.7	400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	400	U	14.4	40.7	400	ug/Kg
117-84-0	Di-n-octyl phthalate	400	U	4.6	40.7	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	200	J	13.3	40.7	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	94.4	J	19.2	40.7	400	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	8.8	40.7	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400	U	13.6	40.7	400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	400	U	11.7	40.7	400	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS2	SDG No.:	H2720
Lab Sample ID:	H2720-06	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	18.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086804.D	1	04/28/16 10:31	05/08/16 05:44	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	400	U	16.5	40.7	400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U	16	40.7	400	ug/Kg
123-91-1	1,4-Dioxane	400	U	16	81.4	400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	400	U	16	40.7	400	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110		28 - 127		76%	SPK: 150
13127-88-3	Phenol-d6	130		34 - 127		85%	SPK: 150
4165-60-0	Nitrobenzene-d5	85.9		31 - 132		86%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.4		39 - 123		73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		30 - 133		86%	SPK: 150
1718-51-0	Terphenyl-d14	51.3		37 - 115		51%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	183786	6.7				
1146-65-2	Naphthalene-d8	727830	7.98				
15067-26-2	Acenaphthene-d10	337384	9.73				
1517-22-2	Phenanthrene-d10	594188	11.22				
1719-03-5	Chrysene-d12	391701	13.85				
1520-96-3	Perylene-d12	331387	15.22				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	510	AB			4.89	ug/Kg
	unknown6.48	6300	J			6.48	ug/Kg
002051-30-1	Octane, 2,6-dimethyl-	320	J			8.42	ug/Kg
000629-59-4	Tetradecane	260	J			9.15	ug/Kg
000581-40-8	Naphthalene, 2,3-dimethyl-	240	J			9.4	ug/Kg
000544-76-3	Hexadecane	270	J			9.68	ug/Kg
017312-57-1	Dodecane, 3-methyl-	240	J			10.4	ug/Kg
1000104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2	670	J			10.65	ug/Kg
000112-95-8	Eicosane	300	J			11.09	ug/Kg
000613-12-7	Anthracene, 2-methyl-	410	J			11.75	ug/Kg
000832-64-4	Phenanthrene, 4-methyl-	430	J			11.83	ug/Kg
003674-66-6	Phenanthrene, 2,5-dimethyl-	300	J			12.26	ug/Kg
	unknown12.55	310	J			12.55	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS2	SDG No.:	H2720
Lab Sample ID:	H2720-06	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	18.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086804.D	1	04/28/16 10:31	05/08/16 05:44	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
1000130-97-9	E-15-Heptadecenal	390	J			13.7	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS3	SDG No.:	H2720
Lab Sample ID:	H2720-07	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086807.D	1	04/28/16 10:31	05/08/16 07:11	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	370	U	19.3	37	370	ug/Kg
108-95-2	Phenol	370	U	8.6	37	370	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	370	U	17.8	37	370	ug/Kg
95-57-8	2-Chlorophenol	370	U	19.5	37	370	ug/Kg
95-48-7	2-Methylphenol	370	U	20.1	37	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	370	U	15.3	37	370	ug/Kg
98-86-2	Acetophenone	370	U	11.3	37	370	ug/Kg
65794-96-9	3+4-Methylphenols	370	U	19.2	37	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	370	U	18.7	37	370	ug/Kg
67-72-1	Hexachloroethane	370	U	16.6	37	370	ug/Kg
98-95-3	Nitrobenzene	370	U	14	37	370	ug/Kg
78-59-1	Isophorone	370	U	12.2	37	370	ug/Kg
88-75-5	2-Nitrophenol	370	U	17.9	37	370	ug/Kg
105-67-9	2,4-Dimethylphenol	370	U	21	37	370	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	370	U	21.3	37	370	ug/Kg
120-83-2	2,4-Dichlorophenol	370	U	14.1	37	370	ug/Kg
91-20-3	Naphthalene	280	J	12.8	37	370	ug/Kg
106-47-8	4-Chloroaniline	370	U	26.1	37	370	ug/Kg
87-68-3	Hexachlorobutadiene	370	U	13.4	37	370	ug/Kg
105-60-2	Caprolactam	370	U	17.2	74	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	370	U	16.4	37	370	ug/Kg
91-57-6	2-Methylnaphthalene	100	J	9.3	37	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	370	U	9	37	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	370	U	11.3	37	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	370	U	26	37	370	ug/Kg
92-52-4	1,1-Biphenyl	370	U	14	37	370	ug/Kg
91-58-7	2-Chloronaphthalene	370	U	8.4	37	370	ug/Kg
88-74-4	2-Nitroaniline	370	U	16.4	37	370	ug/Kg
131-11-3	Dimethylphthalate	420		10	37	370	ug/Kg
208-96-8	Acenaphthylene	370	U	9.3	37	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	370	U	15.1	37	370	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS3	SDG No.:	H2720
Lab Sample ID:	H2720-07	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086807.D	1	04/28/16 10:31	05/08/16 07:11	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	370	U	23.8	74	370	ug/Kg
83-32-9	Acenaphthene	230	J	10.4	37	370	ug/Kg
51-28-5	2,4-Dinitrophenol	370	U	37.7	300	370	ug/Kg
100-02-7	4-Nitrophenol	370	U	68.8	190	370	ug/Kg
132-64-9	Dibenzofuran	140	J	14.4	37	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	370	U	11.1	37	370	ug/Kg
84-66-2	Diethylphthalate	370	U	5.8	37	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	370	U	20.1	37	370	ug/Kg
86-73-7	Fluorene	270	J	14	37	370	ug/Kg
100-01-6	4-Nitroaniline	370	U	48.2	74	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	21.2	190	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	370	U	8.9	37	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	370	U	7.2	37	370	ug/Kg
118-74-1	Hexachlorobenzene	370	U	15.1	37	370	ug/Kg
1912-24-9	Atrazine	370	U	19.5	37	370	ug/Kg
87-86-5	Pentachlorophenol	370	U	25.3	37	370	ug/Kg
85-01-8	Phenanthrene	1500		10	37	370	ug/Kg
120-12-7	Anthracene	470		7.6	37	370	ug/Kg
86-74-8	Carbazole	250	J	8.1	37	370	ug/Kg
84-74-2	Di-n-butylphthalate	370	U	29.1	37	370	ug/Kg
206-44-0	Fluoranthene	2000		7.4	37	370	ug/Kg
129-00-0	Pyrene	1900		8.9	37	370	ug/Kg
85-68-7	Butylbenzylphthalate	370	U	17.8	37	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	370	U	23.8	37	370	ug/Kg
56-55-3	Benzo(a)anthracene	1500		17.7	37	370	ug/Kg
218-01-9	Chrysene	960		16.8	37	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	370	U	13.1	37	370	ug/Kg
117-84-0	Di-n-octyl phthalate	370	U	4.2	37	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		12.1	37	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	440		17.4	37	370	ug/Kg
50-32-8	Benzo(a)pyrene	1100		8	37	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	720		12.3	37	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	190	J	10.7	37	370	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS3	SDG No.:	H2720
Lab Sample ID:	H2720-07	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086807.D	1	04/28/16 10:31	05/08/16 07:11	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	540		15	37	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	370	U	14.6	37	370	ug/Kg
123-91-1	1,4-Dioxane	370	U	14.6	74	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	370	U	14.6	37	370	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	140		28 - 127		94%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		82%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.2		31 - 132		93%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.4		39 - 123		94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	160		30 - 133		104%	SPK: 150
1718-51-0	Terphenyl-d14	69.2		37 - 115		69%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	191915	6.7	
1146-65-2	Naphthalene-d8	709439	7.98	
15067-26-2	Acenaphthene-d10	304437	9.73	
1517-22-2	Phenanthrene-d10	531930	11.22	
1719-03-5	Chrysene-d12	325065	13.85	
1520-96-3	Perylene-d12	331024	15.23	

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	530	AB		4.89	ug/Kg
1000104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2	530	J		10.65	ug/Kg
000832-69-9	Phenanthrene, 1-methyl-	610	J		11.72	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	1100	J		11.75	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	1100	J		11.83	ug/Kg
	unknown14.61	500	J		14.61	ug/Kg
001836-87-9	9H-Fluorene, 9-(phenylmethylene)-	460	J		14.71	ug/Kg
014811-95-1	1,19-Eicosadiene	430	J		14.75	ug/Kg
000593-45-3	Octadecane	520	J		14.92	ug/Kg
000207-93-2	Dinaphtho[1,2-b:1,2-d]furan	440	J		15.04	ug/Kg
000220-97-3	11H-Indeno[2,1-a]phenanthrene	490	J		15.43	ug/Kg
000629-92-5	Nonadecane	450	J		15.63	ug/Kg
000215-58-7	Benzo[b]triphenylene	510	J		16.35	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS3	SDG No.:	H2720
Lab Sample ID:	H2720-07	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086807.D	1	04/28/16 10:31	05/08/16 07:11	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000604-39-7	Androst-4-en-3-one, 17-hydroxy-, (	790	J			17.91	ug/Kg
000189-55-9	3,4:9,10-Dibenzopyrene	610	J			18.89	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS4	SDG No.:	H2720
Lab Sample ID:	H2720-08	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	16.6
Sample Wt/Vol:	30.11 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086808.D	1	04/28/16 10:31	05/08/16 07:40	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	390	U	20.8	39.8	390	ug/Kg
108-95-2	Phenol	390	U	9.2	39.8	390	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	390	U	19.1	39.8	390	ug/Kg
95-57-8	2-Chlorophenol	390	U	21	39.8	390	ug/Kg
95-48-7	2-Methylphenol	390	U	21.6	39.8	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	390	U	16.5	39.8	390	ug/Kg
98-86-2	Acetophenone	390	U	12.2	39.8	390	ug/Kg
65794-96-9	3+4-Methylphenols	390	U	20.7	39.8	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	390	U	20.1	39.8	390	ug/Kg
67-72-1	Hexachloroethane	390	U	17.8	39.8	390	ug/Kg
98-95-3	Nitrobenzene	390	U	15.1	39.8	390	ug/Kg
78-59-1	Isophorone	390	U	13.1	39.8	390	ug/Kg
88-75-5	2-Nitrophenol	390	U	19.2	39.8	390	ug/Kg
105-67-9	2,4-Dimethylphenol	390	U	22.6	39.8	390	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	390	U	22.9	39.8	390	ug/Kg
120-83-2	2,4-Dichlorophenol	390	U	15.2	39.8	390	ug/Kg
91-20-3	Naphthalene	100	J	13.7	39.8	390	ug/Kg
106-47-8	4-Chloroaniline	390	U	28.1	39.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	390	U	14.5	39.8	390	ug/Kg
105-60-2	Caprolactam	390	U	18.5	79.6	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	390	U	17.7	39.8	390	ug/Kg
91-57-6	2-Methylnaphthalene	390	U	10	39.8	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	390	U	9.7	39.8	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	390	U	12.2	39.8	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	390	U	28	39.8	390	ug/Kg
92-52-4	1,1-Biphenyl	390	U	15.1	39.8	390	ug/Kg
91-58-7	2-Chloronaphthalene	390	U	9.1	39.8	390	ug/Kg
88-74-4	2-Nitroaniline	390	U	17.7	39.8	390	ug/Kg
131-11-3	Dimethylphthalate	420		10.8	39.8	390	ug/Kg
208-96-8	Acenaphthylene	390	U	10	39.8	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	390	U	16.2	39.8	390	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS4	SDG No.:	H2720
Lab Sample ID:	H2720-08	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	16.6
Sample Wt/Vol:	30.11 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086808.D	1	04/28/16 10:31	05/08/16 07:40	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	390	U	25.6	79.6	390	ug/Kg
83-32-9	Acenaphthene	120	J	11.2	39.8	390	ug/Kg
51-28-5	2,4-Dinitrophenol	390	U	40.5	320	390	ug/Kg
100-02-7	4-Nitrophenol	390	U	73.9	200	390	ug/Kg
132-64-9	Dibenzofuran	87.2	J	15.5	39.8	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	390	U	11.9	39.8	390	ug/Kg
84-66-2	Diethylphthalate	390	U	6.2	39.8	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	390	U	21.6	39.8	390	ug/Kg
86-73-7	Fluorene	170	J	15.1	39.8	390	ug/Kg
100-01-6	4-Nitroaniline	390	U	51.8	79.6	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	22.8	200	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	390	U	9.6	39.8	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	390	U	7.8	39.8	390	ug/Kg
118-74-1	Hexachlorobenzene	390	U	16.2	39.8	390	ug/Kg
1912-24-9	Atrazine	390	U	21	39.8	390	ug/Kg
87-86-5	Pentachlorophenol	390	U	27.2	39.8	390	ug/Kg
85-01-8	Phenanthrene	1000		10.8	39.8	390	ug/Kg
120-12-7	Anthracene	270	J	8.1	39.8	390	ug/Kg
86-74-8	Carbazole	130	J	8.7	39.8	390	ug/Kg
84-74-2	Di-n-butylphthalate	390	U	31.3	39.8	390	ug/Kg
206-44-0	Fluoranthene	990		8	39.8	390	ug/Kg
129-00-0	Pyrene	800		9.6	39.8	390	ug/Kg
85-68-7	Butylbenzylphthalate	390	U	19.1	39.8	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	390	U	25.6	39.8	390	ug/Kg
56-55-3	Benzo(a)anthracene	660		19	39.8	390	ug/Kg
218-01-9	Chrysene	530		18	39.8	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	14.1	39.8	390	ug/Kg
117-84-0	Di-n-octyl phthalate	390	U	4.5	39.8	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	620		13	39.8	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	300	J	18.8	39.8	390	ug/Kg
50-32-8	Benzo(a)pyrene	490		8.6	39.8	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270	J	13.3	39.8	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	80.8	J	11.5	39.8	390	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS4	SDG No.:	H2720
Lab Sample ID:	H2720-08	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	16.6
Sample Wt/Vol:	30.11 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086808.D	1	04/28/16 10:31	05/08/16 07:40	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	200	J	16.1	39.8	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U	15.7	39.8	390	ug/Kg
123-91-1	1,4-Dioxane	390	U	15.7	79.6	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	15.7	39.8	390	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110		28 - 127		73%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		77%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.8		31 - 132		83%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.6		39 - 123		83%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		30 - 133		86%	SPK: 150
1718-51-0	Terphenyl-d14	59.7		37 - 115		60%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197159	6.7				
1146-65-2	Naphthalene-d8	724983	7.98				
15067-26-2	Acenaphthene-d10	307656	9.73				
1517-22-2	Phenanthrene-d10	528189	11.22				
1719-03-5	Chrysene-d12	341638	13.85				
1520-96-3	Perylene-d12	335179	15.23				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	500	AB			4.89	ug/Kg
	unknown6.48	6200	J			6.48	ug/Kg
000544-76-3	Hexadecane	240	J			10.18	ug/Kg
017302-36-2	5-Ethyldecane	270	J			10.4	ug/Kg
000629-50-5	Tridecane	370	J			10.65	ug/Kg
000832-69-9	Phenanthrene, 1-methyl-	350	J			11.71	ug/Kg
000057-10-3	n-Hexadecanoic acid	1200	J			11.76	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	620	J			11.83	ug/Kg
035465-71-5	2-Phenylnaphthalene	270	J			12.01	ug/Kg
000238-84-6	11H-Benzo[a]fluorene	280	J			12.98	ug/Kg
1000130-97-9	E-15-Heptadecenal	510	J			13.7	ug/Kg
000593-45-3	Octadecane	380	J			14.33	ug/Kg
000629-92-5	Nonadecane	560	J			14.61	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS4	SDG No.:	H2720
Lab Sample ID:	H2720-08	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	16.6
Sample Wt/Vol:	30.11 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086808.D	1	04/28/16 10:31	05/08/16 07:40	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
007683-64-9	Squalene	440	J			14.68	ug/Kg
000112-95-8	Eicosane	660	J			14.92	ug/Kg
000192-97-2	Benzo[e]pyrene	490	J			15.12	ug/Kg
000630-02-4	Octacosane	280	J			15.63	ug/Kg
042217-03-8	Behenyl chloride	290	J			17.89	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5	SDG No.:	H2720
Lab Sample ID:	H2720-09	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086546.D	1	04/28/16 10:31	05/01/16 02:51	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	420	U	22.1	42.3	420	ug/Kg
108-95-2	Phenol	420	U	9.8	42.3	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	420	U	20.3	42.3	420	ug/Kg
95-57-8	2-Chlorophenol	420	U	22.4	42.3	420	ug/Kg
95-48-7	2-Methylphenol	420	U	23	42.3	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	420	U	17.5	42.3	420	ug/Kg
98-86-2	Acetophenone	420	U	13	42.3	420	ug/Kg
65794-96-9	3+4-Methylphenols	420	U	22	42.3	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	420	U	21.3	42.3	420	ug/Kg
67-72-1	Hexachloroethane	420	U	18.9	42.3	420	ug/Kg
98-95-3	Nitrobenzene	420	U	16	42.3	420	ug/Kg
78-59-1	Isophorone	420	U	14	42.3	420	ug/Kg
88-75-5	2-Nitrophenol	420	U	20.4	42.3	420	ug/Kg
105-67-9	2,4-Dimethylphenol	420	U	24	42.3	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	420	U	24.4	42.3	420	ug/Kg
120-83-2	2,4-Dichlorophenol	420	U	16.1	42.3	420	ug/Kg
91-20-3	Naphthalene	420	U	14.6	42.3	420	ug/Kg
106-47-8	4-Chloroaniline	420	U	29.8	42.3	420	ug/Kg
87-68-3	Hexachlorobutadiene	420	U	15.4	42.3	420	ug/Kg
105-60-2	Caprolactam	420	U	19.7	84.7	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	420	U	18.8	42.3	420	ug/Kg
91-57-6	2-Methylnaphthalene	420	U	10.7	42.3	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	420	U	10.3	42.3	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	420	U	13	42.3	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	420	U	29.7	42.3	420	ug/Kg
92-52-4	1,1-Biphenyl	420	U	16	42.3	420	ug/Kg
91-58-7	2-Chloronaphthalene	420	U	9.7	42.3	420	ug/Kg
88-74-4	2-Nitroaniline	420	U	18.8	42.3	420	ug/Kg
131-11-3	Dimethylphthalate	420		11.4	42.3	420	ug/Kg
208-96-8	Acenaphthylene	420	U	10.7	42.3	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	420	U	17.3	42.3	420	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5	SDG No.:	H2720
Lab Sample ID:	H2720-09	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086546.D	1	04/28/16 10:31	05/01/16 02:51	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	420	U	27.2	84.7	420	ug/Kg
83-32-9	Acenaphthene	420	U	11.9	42.3	420	ug/Kg
51-28-5	2,4-Dinitrophenol	420	U	43.1	340	420	ug/Kg
100-02-7	4-Nitrophenol	420	U	78.6	210	420	ug/Kg
132-64-9	Dibenzofuran	420	U	16.5	42.3	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	420	U	12.7	42.3	420	ug/Kg
84-66-2	Diethylphthalate	420	U	6.6	42.3	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	420	U	23	42.3	420	ug/Kg
86-73-7	Fluorene	420	U	16	42.3	420	ug/Kg
100-01-6	4-Nitroaniline	420	U	55.1	84.7	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	420	U	24.3	210	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	420	U	10.2	42.3	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	420	U	8.3	42.3	420	ug/Kg
118-74-1	Hexachlorobenzene	420	U	17.3	42.3	420	ug/Kg
1912-24-9	Atrazine	420	U	22.4	42.3	420	ug/Kg
87-86-5	Pentachlorophenol	420	U	29	42.3	420	ug/Kg
85-01-8	Phenanthrene	420	U	11.4	42.3	420	ug/Kg
120-12-7	Anthracene	420	U	8.6	42.3	420	ug/Kg
86-74-8	Carbazole	420	U	9.3	42.3	420	ug/Kg
84-74-2	Di-n-butylphthalate	420	U	33.3	42.3	420	ug/Kg
206-44-0	Fluoranthene	420	U	8.5	42.3	420	ug/Kg
129-00-0	Pyrene	420	U	10.2	42.3	420	ug/Kg
85-68-7	Butylbenzylphthalate	420	U	20.3	42.3	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	420	U	27.2	42.3	420	ug/Kg
56-55-3	Benzo(a)anthracene	420	U	20.2	42.3	420	ug/Kg
218-01-9	Chrysene	420	U	19.2	42.3	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	420	U	15	42.3	420	ug/Kg
117-84-0	Di-n-octyl phthalate	420	U	4.8	42.3	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	420	U	13.8	42.3	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	420	U	19.9	42.3	420	ug/Kg
50-32-8	Benzo(a)pyrene	420	U	9.1	42.3	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	420	U	14.1	42.3	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	420	U	12.2	42.3	420	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5	SDG No.:	H2720
Lab Sample ID:	H2720-09	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086546.D	1	04/28/16 10:31	05/01/16 02:51	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	420	U	17.1	42.3	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	420	U	16.6	42.3	420	ug/Kg
123-91-1	1,4-Dioxane	420	U	16.6	84.7	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	420	U	16.6	42.3	420	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130		28 - 127		88%	SPK: 150
13127-88-3	Phenol-d6	140		34 - 127		96%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.7		31 - 132		94%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.3		39 - 123		71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		30 - 133		81%	SPK: 150
1718-51-0	Terphenyl-d14	69.6		37 - 115		70%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	131248	6.76				
1146-65-2	Naphthalene-d8	571785	8.05				
15067-26-2	Acenaphthene-d10	288954	9.8				
1517-22-2	Phenanthrene-d10	537440	11.28				
1719-03-5	Chrysene-d12	428173	13.91				
1520-96-3	Perylene-d12	324115	15.3				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	260	AB			4.93	ug/Kg
	unknown6.53	4000	JB			6.53	ug/Kg
000112-95-8	Eicosane	87.6	J			10.25	ug/Kg
000544-76-3	Hexadecane	130	J			10.72	ug/Kg
001599-67-3	1-Docosene	270	J			13.78	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS6	SDG No.:	H2720
Lab Sample ID:	H2720-12	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086809.D	1	04/28/16 10:31	05/08/16 08:09	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	410	U	21.5	41.1	410	ug/Kg
108-95-2	Phenol	410	U	9.5	41.1	410	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	410	U	19.7	41.1	410	ug/Kg
95-57-8	2-Chlorophenol	410	U	21.7	41.1	410	ug/Kg
95-48-7	2-Methylphenol	410	U	22.3	41.1	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	410	U	17	41.1	410	ug/Kg
98-86-2	Acetophenone	410	U	12.6	41.1	410	ug/Kg
65794-96-9	3+4-Methylphenols	410	U	21.4	41.1	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	410	U	20.7	41.1	410	ug/Kg
67-72-1	Hexachloroethane	410	U	18.4	41.1	410	ug/Kg
98-95-3	Nitrobenzene	410	U	15.6	41.1	410	ug/Kg
78-59-1	Isophorone	410	U	13.6	41.1	410	ug/Kg
88-75-5	2-Nitrophenol	410	U	19.9	41.1	410	ug/Kg
105-67-9	2,4-Dimethylphenol	410	U	23.3	41.1	410	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	410	U	23.7	41.1	410	ug/Kg
120-83-2	2,4-Dichlorophenol	410	U	15.7	41.1	410	ug/Kg
91-20-3	Naphthalene	410	U	14.2	41.1	410	ug/Kg
106-47-8	4-Chloroaniline	410	U	29	41.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	410	U	14.9	41.1	410	ug/Kg
105-60-2	Caprolactam	410	U	19.1	82.3	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	410	U	18.3	41.1	410	ug/Kg
91-57-6	2-Methylnaphthalene	410	U	10.4	41.1	410	ug/Kg
77-47-4	Hexachlorocyclopentadiene	410	U	10	41.1	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	410	U	12.6	41.1	410	ug/Kg
95-95-4	2,4,5-Trichlorophenol	410	U	28.9	41.1	410	ug/Kg
92-52-4	1,1-Biphenyl	410	U	15.6	41.1	410	ug/Kg
91-58-7	2-Chloronaphthalene	410	U	9.4	41.1	410	ug/Kg
88-74-4	2-Nitroaniline	410	U	18.3	41.1	410	ug/Kg
131-11-3	Dimethylphthalate	530		11.1	41.1	410	ug/Kg
208-96-8	Acenaphthylene	410	U	10.4	41.1	410	ug/Kg
606-20-2	2,6-Dinitrotoluene	410	U	16.8	41.1	410	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS6	SDG No.:	H2720
Lab Sample ID:	H2720-12	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086809.D	1	04/28/16 10:31	05/08/16 08:09	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	410	U	26.4	82.3	410	ug/Kg
83-32-9	Acenaphthene	410	U	11.6	41.1	410	ug/Kg
51-28-5	2,4-Dinitrophenol	410	U	41.8	330	410	ug/Kg
100-02-7	4-Nitrophenol	410	U	76.4	210	410	ug/Kg
132-64-9	Dibenzofuran	410	U	16	41.1	410	ug/Kg
121-14-2	2,4-Dinitrotoluene	410	U	12.3	41.1	410	ug/Kg
84-66-2	Diethylphthalate	410	U	6.4	41.1	410	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	410	U	22.3	41.1	410	ug/Kg
86-73-7	Fluorene	410	U	15.6	41.1	410	ug/Kg
100-01-6	4-Nitroaniline	410	U	53.6	82.3	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	410	U	23.6	210	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	410	U	9.9	41.1	410	ug/Kg
101-55-3	4-Bromophenyl-phenylether	410	U	8	41.1	410	ug/Kg
118-74-1	Hexachlorobenzene	410	U	16.8	41.1	410	ug/Kg
1912-24-9	Atrazine	410	U	21.7	41.1	410	ug/Kg
87-86-5	Pentachlorophenol	410	U	28.1	41.1	410	ug/Kg
85-01-8	Phenanthrene	460		11.1	41.1	410	ug/Kg
120-12-7	Anthracene	82.7	J	8.4	41.1	410	ug/Kg
86-74-8	Carbazole	410	U	9	41.1	410	ug/Kg
84-74-2	Di-n-butylphthalate	410	U	32.3	41.1	410	ug/Kg
206-44-0	Fluoranthene	690		8.3	41.1	410	ug/Kg
129-00-0	Pyrene	570		9.9	41.1	410	ug/Kg
85-68-7	Butylbenzylphthalate	410	U	19.7	41.1	410	ug/Kg
91-94-1	3,3-Dichlorobenzidine	410	U	26.4	41.1	410	ug/Kg
56-55-3	Benzo(a)anthracene	370	J	19.6	41.1	410	ug/Kg
218-01-9	Chrysene	350	J	18.6	41.1	410	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	410	U	14.6	41.1	410	ug/Kg
117-84-0	Di-n-octyl phthalate	410	U	4.7	41.1	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	460		13.5	41.1	410	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	19.4	41.1	410	ug/Kg
50-32-8	Benzo(a)pyrene	330	J	8.9	41.1	410	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	J	13.7	41.1	410	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	410	U	11.8	41.1	410	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS6	SDG No.:	H2720
Lab Sample ID:	H2720-12	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086809.D	1	04/28/16 10:31	05/08/16 08:09	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	170	J	16.7	41.1	410	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	410	U	16.2	41.1	410	ug/Kg
123-91-1	1,4-Dioxane	410	U	16.2	82.3	410	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	410	U	16.2	41.1	410	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	140		28 - 127		92%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		80%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.3		31 - 132		91%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.2		39 - 123		97%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		30 - 133		102%	SPK: 150
1718-51-0	Terphenyl-d14	77.9		37 - 115		78%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190875	6.7				
1146-65-2	Naphthalene-d8	716480	7.98				
15067-26-2	Acenaphthene-d10	311112	9.73				
1517-22-2	Phenanthrene-d10	547645	11.22				
1719-03-5	Chrysene-d12	354988	13.85				
1520-96-3	Perylene-d12	324478	15.23				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	570	AB			4.89	ug/Kg
	unknown6.48	7700	J			6.48	ug/Kg
000057-10-3	n-Hexadecanoic acid	1400	J			11.77	ug/Kg
000057-11-4	Octadecanoic acid	450	J			12.55	ug/Kg
1000283-04-2	Pentafluoropropionic acid, heptade	550	J			13.7	ug/Kg
001599-67-3	1-Docosene	540	J			14.34	ug/Kg
000638-58-4	Tetradecanamide	450	J			14.6	ug/Kg
007683-64-9	Squalene	900	J			14.68	ug/Kg
014811-95-1	1,19-Eicosadiene	690	J			14.75	ug/Kg
000629-92-5	Nonadecane	600	J			14.92	ug/Kg
006971-40-0	17-Pentatriacontene	830	J			14.95	ug/Kg
000192-97-2	Benzo[e]pyrene	460	J			15.12	ug/Kg
000822-23-1	Acetic acid, octadecyl ester	510	J			15.29	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS6	SDG No.:	H2720
Lab Sample ID:	H2720-12	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086809.D	1	04/28/16 10:31	05/08/16 08:09	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000638-66-4	Octadecanal	610	J			15.44	ug/Kg
007225-66-3	Tridecane, 7-hexyl-	820	J			15.63	ug/Kg
000629-96-9	1-Eicosanol	470	J			15.7	ug/Kg
007494-34-0	26-Nor-5-cholesten-3.beta.-ol-25-o	820	J			16	ug/Kg
000544-76-3	Hexadecane	470	J			16.59	ug/Kg
000083-46-5	.beta.-Sitosterol	610	J			17.03	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS7	SDG No.:	H2720
Lab Sample ID:	H2720-13	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	12.9
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086814.D	5	04/28/16 10:31	05/08/16 10:34	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	1900	U	99.7	190	1900	ug/Kg
108-95-2	Phenol	1900	U	44.1	190	1900	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1900	U	91.7	190	1900	ug/Kg
95-57-8	2-Chlorophenol	1900	U	100	190	1900	ug/Kg
95-48-7	2-Methylphenol	1900	U	100	190	1900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	79.1	190	1900	ug/Kg
98-86-2	Acetophenone	1900	U	58.4	190	1900	ug/Kg
65794-96-9	3+4-Methylphenols	1900	U	99.1	190	1900	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1900	U	96.2	190	1900	ug/Kg
67-72-1	Hexachloroethane	1900	U	85.4	190	1900	ug/Kg
98-95-3	Nitrobenzene	1900	U	72.2	190	1900	ug/Kg
78-59-1	Isophorone	1900	U	63	190	1900	ug/Kg
88-75-5	2-Nitrophenol	1900	U	92.2	190	1900	ug/Kg
105-67-9	2,4-Dimethylphenol	1900	U	110	190	1900	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1900	U	110	190	1900	ug/Kg
120-83-2	2,4-Dichlorophenol	1900	U	72.8	190	1900	ug/Kg
91-20-3	Naphthalene	1900	U	65.9	190	1900	ug/Kg
106-47-8	4-Chloroaniline	1900	U	130	190	1900	ug/Kg
87-68-3	Hexachlorobutadiene	1900	U	69.3	190	1900	ug/Kg
105-60-2	Caprolactam	1900	U	88.8	380	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1900	U	84.8	190	1900	ug/Kg
91-57-6	2-Methylnaphthalene	1900	U	48.1	190	1900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1900	U	46.4	190	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900	U	58.4	190	1900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900	U	130	190	1900	ug/Kg
92-52-4	1,1-Biphenyl	1900	U	72.2	190	1900	ug/Kg
91-58-7	2-Chloronaphthalene	1900	U	43.5	190	1900	ug/Kg
88-74-4	2-Nitroaniline	1900	U	84.8	190	1900	ug/Kg
131-11-3	Dimethylphthalate	430	J	51.6	190	1900	ug/Kg
208-96-8	Acenaphthylene	1900	U	48.1	190	1900	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900	U	77.9	190	1900	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS7	SDG No.:	H2720
Lab Sample ID:	H2720-13	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	12.9
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086814.D	5	04/28/16 10:31	05/08/16 10:34	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	1900	U	120	380	1900	ug/Kg
83-32-9	Acenaphthene	1900	U	53.9	190	1900	ug/Kg
51-28-5	2,4-Dinitrophenol	1900	U	190	1500	1900	ug/Kg
100-02-7	4-Nitrophenol	1900	U	350	950	1900	ug/Kg
132-64-9	Dibenzofuran	1900	U	74.5	190	1900	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900	U	57.3	190	1900	ug/Kg
84-66-2	Diethylphthalate	1900	U	29.8	190	1900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900	U	100	190	1900	ug/Kg
86-73-7	Fluorene	1900	U	72.2	190	1900	ug/Kg
100-01-6	4-Nitroaniline	1900	U	250	380	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900	U	110	950	1900	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1900	U	45.8	190	1900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900	U	37.2	190	1900	ug/Kg
118-74-1	Hexachlorobenzene	1900	U	77.9	190	1900	ug/Kg
1912-24-9	Atrazine	1900	U	100	190	1900	ug/Kg
87-86-5	Pentachlorophenol	1900	U	130	190	1900	ug/Kg
85-01-8	Phenanthrene	1900	U	51.6	190	1900	ug/Kg
120-12-7	Anthracene	1900	U	39	190	1900	ug/Kg
86-74-8	Carbazole	1900	U	41.8	190	1900	ug/Kg
84-74-2	Di-n-butylphthalate	1900	U	150	190	1900	ug/Kg
206-44-0	Fluoranthene	1900	U	38.4	190	1900	ug/Kg
129-00-0	Pyrene	1900	U	45.8	190	1900	ug/Kg
85-68-7	Butylbenzylphthalate	1900	U	91.7	190	1900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900	U	120	190	1900	ug/Kg
56-55-3	Benzo(a)anthracene	1900	U	91.1	190	1900	ug/Kg
218-01-9	Chrysene	1900	U	86.5	190	1900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900	U	67.6	190	1900	ug/Kg
117-84-0	Di-n-octyl phthalate	1900	U	21.8	190	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900	U	62.4	190	1900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900	U	89.9	190	1900	ug/Kg
50-32-8	Benzo(a)pyrene	1900	U	41.2	190	1900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900	U	63.6	190	1900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1900	U	55	190	1900	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS7	SDG No.:	H2720
Lab Sample ID:	H2720-13	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	12.9
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086814.D	5	04/28/16 10:31	05/08/16 10:34	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	1900	U	77.3	190	1900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	75.1	190	1900	ug/Kg
123-91-1	1,4-Dioxane	1900	U	75.1	380	1900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900	U	75.1	190	1900	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	140		28 - 127		92%	SPK: 150
13127-88-3	Phenol-d6	140		34 - 127		93%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.6		31 - 132		94%	SPK: 100
321-60-8	2-Fluorobiphenyl	120		39 - 123		117%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		30 - 133		86%	SPK: 150
1718-51-0	Terphenyl-d14	72.9		37 - 115		73%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190670	6.7				
1146-65-2	Naphthalene-d8	689742	7.98				
15067-26-2	Acenaphthene-d10	286951	9.73				
1517-22-2	Phenanthrene-d10	488016	11.22				
1719-03-5	Chrysene-d12	363866	13.85				
1520-96-3	Perylene-d12	320326	15.22				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown6.48	8400	J			6.48	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	DUP	SDG No.:	H2720
Lab Sample ID:	H2720-14	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086723.D	1	04/28/16 10:31	05/05/16 23:41	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	410	U	21.6	41.4	410	ug/Kg
108-95-2	Phenol	410	U	9.6	41.4	410	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	410	U	19.9	41.4	410	ug/Kg
95-57-8	2-Chlorophenol	410	U	21.9	41.4	410	ug/Kg
95-48-7	2-Methylphenol	410	U	22.5	41.4	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	410	U	17.1	41.4	410	ug/Kg
98-86-2	Acetophenone	410	U	12.7	41.4	410	ug/Kg
65794-96-9	3+4-Methylphenols	410	U	21.5	41.4	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	410	U	20.9	41.4	410	ug/Kg
67-72-1	Hexachloroethane	410	U	18.5	41.4	410	ug/Kg
98-95-3	Nitrobenzene	410	U	15.7	41.4	410	ug/Kg
78-59-1	Isophorone	410	U	13.7	41.4	410	ug/Kg
88-75-5	2-Nitrophenol	410	U	20	41.4	410	ug/Kg
105-67-9	2,4-Dimethylphenol	410	U	23.5	41.4	410	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	410	U	23.9	41.4	410	ug/Kg
120-83-2	2,4-Dichlorophenol	410	U	15.8	41.4	410	ug/Kg
91-20-3	Naphthalene	410	U	14.3	41.4	410	ug/Kg
106-47-8	4-Chloroaniline	410	U	29.2	41.4	410	ug/Kg
87-68-3	Hexachlorobutadiene	410	U	15	41.4	410	ug/Kg
105-60-2	Caprolactam	410	U	19.3	82.8	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	410	U	18.4	41.4	410	ug/Kg
91-57-6	2-Methylnaphthalene	410	U	10.4	41.4	410	ug/Kg
77-47-4	Hexachlorocyclopentadiene	410	U	10.1	41.4	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	410	U	12.7	41.4	410	ug/Kg
95-95-4	2,4,5-Trichlorophenol	410	U	29.1	41.4	410	ug/Kg
92-52-4	1,1-Biphenyl	410	U	15.7	41.4	410	ug/Kg
91-58-7	2-Chloronaphthalene	410	U	9.4	41.4	410	ug/Kg
88-74-4	2-Nitroaniline	410	U	18.4	41.4	410	ug/Kg
131-11-3	Dimethylphthalate	490		11.2	41.4	410	ug/Kg
208-96-8	Acenaphthylene	410	U	10.4	41.4	410	ug/Kg
606-20-2	2,6-Dinitrotoluene	410	U	16.9	41.4	410	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	DUP	SDG No.:	H2720
Lab Sample ID:	H2720-14	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086723.D	1	04/28/16 10:31	05/05/16 23:41	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	410	U	26.6	82.8	410	ug/Kg
83-32-9	Acenaphthene	410	U	11.7	41.4	410	ug/Kg
51-28-5	2,4-Dinitrophenol	410	U	42.1	330	410	ug/Kg
100-02-7	4-Nitrophenol	410	U	76.9	210	410	ug/Kg
132-64-9	Dibenzofuran	410	U	16.2	41.4	410	ug/Kg
121-14-2	2,4-Dinitrotoluene	410	U	12.4	41.4	410	ug/Kg
84-66-2	Diethylphthalate	410	U	6.5	41.4	410	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	410	U	22.5	41.4	410	ug/Kg
86-73-7	Fluorene	410	U	15.7	41.4	410	ug/Kg
100-01-6	4-Nitroaniline	410	U	53.9	82.8	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	410	U	23.7	210	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	410	U	9.9	41.4	410	ug/Kg
101-55-3	4-Bromophenyl-phenylether	410	U	8.1	41.4	410	ug/Kg
118-74-1	Hexachlorobenzene	410	U	16.9	41.4	410	ug/Kg
1912-24-9	Atrazine	410	U	21.9	41.4	410	ug/Kg
87-86-5	Pentachlorophenol	410	U	28.3	41.4	410	ug/Kg
85-01-8	Phenanthrene	410	U	11.2	41.4	410	ug/Kg
120-12-7	Anthracene	410	U	8.4	41.4	410	ug/Kg
86-74-8	Carbazole	410	U	9.1	41.4	410	ug/Kg
84-74-2	Di-n-butylphthalate	410	U	32.6	41.4	410	ug/Kg
206-44-0	Fluoranthene	410	U	8.3	41.4	410	ug/Kg
129-00-0	Pyrene	410	U	9.9	41.4	410	ug/Kg
85-68-7	Butylbenzylphthalate	410	U	19.9	41.4	410	ug/Kg
91-94-1	3,3-Dichlorobenzidine	410	U	26.6	41.4	410	ug/Kg
56-55-3	Benzo(a)anthracene	410	U	19.8	41.4	410	ug/Kg
218-01-9	Chrysene	410	U	18.8	41.4	410	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	410	U	14.7	41.4	410	ug/Kg
117-84-0	Di-n-octyl phthalate	410	U	4.7	41.4	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	410	U	13.5	41.4	410	ug/Kg
207-08-9	Benzo(k)fluoranthene	410	U	19.5	41.4	410	ug/Kg
50-32-8	Benzo(a)pyrene	410	U	8.9	41.4	410	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410	U	13.8	41.4	410	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	410	U	11.9	41.4	410	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	DUP	SDG No.:	H2720
Lab Sample ID:	H2720-14	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086723.D	1	04/28/16 10:31	05/05/16 23:41	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	410	U	16.8	41.4	410	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	410	U	16.3	41.4	410	ug/Kg
123-91-1	1,4-Dioxane	410	U	16.3	82.8	410	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	410	U	16.3	41.4	410	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	38.4	*	28 - 127		26%	SPK: 150
13127-88-3	Phenol-d6	67		34 - 127		45%	SPK: 150
4165-60-0	Nitrobenzene-d5	42.4		31 - 132		42%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.6		39 - 123		69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		30 - 133		80%	SPK: 150
1718-51-0	Terphenyl-d14	63		37 - 115		63%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163535	6.73				
1146-65-2	Naphthalene-d8	618190	8.02				
15067-26-2	Acenaphthene-d10	276908	9.77				
1517-22-2	Phenanthrene-d10	392772	11.24				
1719-03-5	Chrysene-d12	311579	13.87				
1520-96-3	Perylene-d12	267503	15.27				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	AB			4.86	ug/Kg
	unknown6.49	3000	J			6.49	ug/Kg
000544-76-3	Hexadecane	200	J			10.2	ug/Kg
003892-00-0	Pentadecane, 2,6,10-trimethyl-	180	J			10.42	ug/Kg
	unknown10.49	480	J			10.49	ug/Kg
000112-95-8	Eicosane	350	J			10.68	ug/Kg
000638-53-9	Tridecanoic acid	370	J			11.79	ug/Kg
036617-00-2	Cyclopropane, 2-bromo-1,1,3-trimet	220	J			12.62	ug/Kg
001599-67-3	1-Docosene	850	J			13.73	ug/Kg
027519-02-4	9-Tricosene, (Z)-	910	J			14.36	ug/Kg
000124-25-4	Tetradecanal	340	J			14.79	ug/Kg
1000131-09-4	Z-12-Pentacosene	710	J			14.98	ug/Kg
000638-66-4	Octadecanal	340	J			15.48	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	DUP	SDG No.:	H2720
Lab Sample ID:	H2720-14	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086723.D	1	04/28/16 10:31	05/05/16 23:41	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
	unknown17.09	290	J			17.09	ug/Kg
	unknown18.20	1200	J			18.2	ug/Kg
	unknown18.41	2200	J			18.41	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-6D02	SDG No.:	H2720
Lab Sample ID:	H2720-15	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	15.5
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086724.D	1	04/28/16 10:31	05/06/16 00:09	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	390	U	20.5	39.3	390	ug/Kg
108-95-2	Phenol	390	U	9.1	39.3	390	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	390	U	18.9	39.3	390	ug/Kg
95-57-8	2-Chlorophenol	390	U	20.8	39.3	390	ug/Kg
95-48-7	2-Methylphenol	390	U	21.4	39.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	390	U	16.3	39.3	390	ug/Kg
98-86-2	Acetophenone	390	U	12	39.3	390	ug/Kg
65794-96-9	3+4-Methylphenols	390	U	20.4	39.3	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	390	U	19.8	39.3	390	ug/Kg
67-72-1	Hexachloroethane	390	U	17.6	39.3	390	ug/Kg
98-95-3	Nitrobenzene	390	U	14.9	39.3	390	ug/Kg
78-59-1	Isophorone	390	U	13	39.3	390	ug/Kg
88-75-5	2-Nitrophenol	390	U	19	39.3	390	ug/Kg
105-67-9	2,4-Dimethylphenol	390	U	22.3	39.3	390	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	390	U	22.7	39.3	390	ug/Kg
120-83-2	2,4-Dichlorophenol	390	U	15	39.3	390	ug/Kg
91-20-3	Naphthalene	390	U	13.6	39.3	390	ug/Kg
106-47-8	4-Chloroaniline	390	U	27.7	39.3	390	ug/Kg
87-68-3	Hexachlorobutadiene	390	U	14.3	39.3	390	ug/Kg
105-60-2	Caprolactam	390	U	18.3	78.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	390	U	17.5	39.3	390	ug/Kg
91-57-6	2-Methylnaphthalene	390	U	9.9	39.3	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	390	U	9.6	39.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	390	U	12	39.3	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	390	U	27.6	39.3	390	ug/Kg
92-52-4	1,1-Biphenyl	390	U	14.9	39.3	390	ug/Kg
91-58-7	2-Chloronaphthalene	390	U	9	39.3	390	ug/Kg
88-74-4	2-Nitroaniline	390	U	17.5	39.3	390	ug/Kg
131-11-3	Dimethylphthalate	420		10.6	39.3	390	ug/Kg
208-96-8	Acenaphthylene	390	U	9.9	39.3	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	390	U	16.1	39.3	390	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-6D02	SDG No.:	H2720
Lab Sample ID:	H2720-15	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	15.5
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086724.D	1	04/28/16 10:31	05/06/16 00:09	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	390	U	25.3	78.7	390	ug/Kg
83-32-9	Acenaphthene	390	U	11.1	39.3	390	ug/Kg
51-28-5	2,4-Dinitrophenol	390	U	40	310	390	ug/Kg
100-02-7	4-Nitrophenol	390	U	73.1	200	390	ug/Kg
132-64-9	Dibenzofuran	390	U	15.3	39.3	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	390	U	11.8	39.3	390	ug/Kg
84-66-2	Diethylphthalate	390	U	6.1	39.3	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	390	U	21.4	39.3	390	ug/Kg
86-73-7	Fluorene	390	U	14.9	39.3	390	ug/Kg
100-01-6	4-Nitroaniline	390	U	51.2	78.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	22.5	200	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	390	U	9.4	39.3	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	390	U	7.7	39.3	390	ug/Kg
118-74-1	Hexachlorobenzene	390	U	16.1	39.3	390	ug/Kg
1912-24-9	Atrazine	390	U	20.8	39.3	390	ug/Kg
87-86-5	Pentachlorophenol	390	U	26.9	39.3	390	ug/Kg
85-01-8	Phenanthrene	390	U	10.6	39.3	390	ug/Kg
120-12-7	Anthracene	390	U	8	39.3	390	ug/Kg
86-74-8	Carbazole	390	U	8.6	39.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	390	U	30.9	39.3	390	ug/Kg
206-44-0	Fluoranthene	390	U	7.9	39.3	390	ug/Kg
129-00-0	Pyrene	390	U	9.4	39.3	390	ug/Kg
85-68-7	Butylbenzylphthalate	390	U	18.9	39.3	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	390	U	25.3	39.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	390	U	18.8	39.3	390	ug/Kg
218-01-9	Chrysene	390	U	17.8	39.3	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	13.9	39.3	390	ug/Kg
117-84-0	Di-n-octyl phthalate	390	U	4.5	39.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	390	U	12.9	39.3	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	390	U	18.5	39.3	390	ug/Kg
50-32-8	Benzo(a)pyrene	390	U	8.5	39.3	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	390	U	13.1	39.3	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	390	U	11.3	39.3	390	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-6D02	SDG No.:	H2720
Lab Sample ID:	H2720-15	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	15.5
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086724.D	1	04/28/16 10:31	05/06/16 00:09	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	390	U	15.9	39.3	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U	15.5	39.3	390	ug/Kg
123-91-1	1,4-Dioxane	390	U	15.5	78.7	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	15.5	39.3	390	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110		28 - 127		77%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		82%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.8		31 - 132		92%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.4		39 - 123		78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	110		30 - 133		75%	SPK: 150
1718-51-0	Terphenyl-d14	56.9		37 - 115		57%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163761	6.73				
1146-65-2	Naphthalene-d8	612538	8.02				
15067-26-2	Acenaphthene-d10	272250	9.77				
1517-22-2	Phenanthrene-d10	390717	11.24				
1719-03-5	Chrysene-d12	307544	13.87				
1520-96-3	Perylene-d12	271938	15.27				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	490	AB			4.9	ug/Kg
	unknown6.50	7100	J			6.5	ug/Kg
000544-76-3	Hexadecane	250	J			9.71	ug/Kg
	unknown10.41	390	J			10.41	ug/Kg
	unknown10.49	3100	J			10.49	ug/Kg
000112-37-8	Undecanoic acid	230	J			11.78	ug/Kg
000594-56-9	1-Butene, 2,3,3-trimethyl-	730	J			12.63	ug/Kg
001599-67-3	1-Docosene	730	J			13.73	ug/Kg
000297-03-0	Cyclotetrasiloxane	870	J			14.36	ug/Kg
067860-04-2	Oxirane, heptadecyl-	220	J			14.79	ug/Kg
1000130-92-0	E-7-Octadecene	460	J			14.98	ug/Kg
014811-95-1	1,19-Eicosadiene	200	J			15.48	ug/Kg
000986-19-6	Cholest-5-ene, 3-ethoxy-, (3.beta.	310	J			17.09	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-6D02	SDG No.:	H2720
Lab Sample ID:	H2720-15	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	15.5
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086724.D	1	04/28/16 10:31	05/06/16 00:09	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
001259-10-5	9,19-Cyclolanost-24-en-3-ol, aceta	1300	J			18.2	ug/Kg
	unknown18.40	2700	J			18.4	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-8D46	SDG No.:	H2720
Lab Sample ID:	H2720-16	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	26.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086540.D	1	04/28/16 10:31	05/01/16 00:00	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	450	U	23.8	45.6	450	ug/Kg
108-95-2	Phenol	450	U	10.5	45.6	450	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	450	U	21.9	45.6	450	ug/Kg
95-57-8	2-Chlorophenol	450	U	24.1	45.6	450	ug/Kg
95-48-7	2-Methylphenol	450	U	24.7	45.6	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	450	U	18.9	45.6	450	ug/Kg
98-86-2	Acetophenone	450	U	13.9	45.6	450	ug/Kg
65794-96-9	3+4-Methylphenols	450	U	23.7	45.6	450	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	450	U	23	45.6	450	ug/Kg
67-72-1	Hexachloroethane	450	U	20.4	45.6	450	ug/Kg
98-95-3	Nitrobenzene	450	U	17.2	45.6	450	ug/Kg
78-59-1	Isophorone	450	U	15	45.6	450	ug/Kg
88-75-5	2-Nitrophenol	450	U	22	45.6	450	ug/Kg
105-67-9	2,4-Dimethylphenol	450	U	25.8	45.6	450	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	450	U	26.2	45.6	450	ug/Kg
120-83-2	2,4-Dichlorophenol	450	U	17.4	45.6	450	ug/Kg
91-20-3	Naphthalene	450	U	15.7	45.6	450	ug/Kg
106-47-8	4-Chloroaniline	450	U	32.1	45.6	450	ug/Kg
87-68-3	Hexachlorobutadiene	450	U	16.5	45.6	450	ug/Kg
105-60-2	Caprolactam	450	U	21.2	91.1	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	450	U	20.2	45.6	450	ug/Kg
91-57-6	2-Methylnaphthalene	450	U	11.5	45.6	450	ug/Kg
77-47-4	Hexachlorocyclopentadiene	450	U	11.1	45.6	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	450	U	13.9	45.6	450	ug/Kg
95-95-4	2,4,5-Trichlorophenol	450	U	32	45.6	450	ug/Kg
92-52-4	1,1-Biphenyl	450	U	17.2	45.6	450	ug/Kg
91-58-7	2-Chloronaphthalene	450	U	10.4	45.6	450	ug/Kg
88-74-4	2-Nitroaniline	450	U	20.2	45.6	450	ug/Kg
131-11-3	Dimethylphthalate	480		12.3	45.6	450	ug/Kg
208-96-8	Acenaphthylene	450	U	11.5	45.6	450	ug/Kg
606-20-2	2,6-Dinitrotoluene	450	U	18.6	45.6	450	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-8D46	SDG No.:	H2720
Lab Sample ID:	H2720-16	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	26.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086540.D	1	04/28/16 10:31	05/01/16 00:00	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	450	U	29.3	91.1	450	ug/Kg
83-32-9	Acenaphthene	450	U	12.9	45.6	450	ug/Kg
51-28-5	2,4-Dinitrophenol	450	U	46.3	360	450	ug/Kg
100-02-7	4-Nitrophenol	450	U	84.6	230	450	ug/Kg
132-64-9	Dibenzofuran	450	U	17.8	45.6	450	ug/Kg
121-14-2	2,4-Dinitrotoluene	450	U	13.7	45.6	450	ug/Kg
84-66-2	Diethylphthalate	450	U	7.1	45.6	450	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	450	U	24.7	45.6	450	ug/Kg
86-73-7	Fluorene	450	U	17.2	45.6	450	ug/Kg
100-01-6	4-Nitroaniline	450	U	59.3	91.1	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	450	U	26.1	230	450	ug/Kg
86-30-6	n-Nitrosodiphenylamine	450	U	10.9	45.6	450	ug/Kg
101-55-3	4-Bromophenyl-phenylether	450	U	8.9	45.6	450	ug/Kg
118-74-1	Hexachlorobenzene	450	U	18.6	45.6	450	ug/Kg
1912-24-9	Atrazine	450	U	24.1	45.6	450	ug/Kg
87-86-5	Pentachlorophenol	450	U	31.2	45.6	450	ug/Kg
85-01-8	Phenanthrene	450	U	12.3	45.6	450	ug/Kg
120-12-7	Anthracene	450	U	9.3	45.6	450	ug/Kg
86-74-8	Carbazole	450	U	10	45.6	450	ug/Kg
84-74-2	Di-n-butylphthalate	450	U	35.8	45.6	450	ug/Kg
206-44-0	Fluoranthene	450	U	9.2	45.6	450	ug/Kg
129-00-0	Pyrene	450	U	10.9	45.6	450	ug/Kg
85-68-7	Butylbenzylphthalate	450	U	21.9	45.6	450	ug/Kg
91-94-1	3,3-Dichlorobenzidine	450	U	29.3	45.6	450	ug/Kg
56-55-3	Benzo(a)anthracene	450	U	21.7	45.6	450	ug/Kg
218-01-9	Chrysene	450	U	20.6	45.6	450	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	450	U	16.1	45.6	450	ug/Kg
117-84-0	Di-n-octyl phthalate	450	U	5.2	45.6	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	450	U	14.9	45.6	450	ug/Kg
207-08-9	Benzo(k)fluoranthene	450	U	21.5	45.6	450	ug/Kg
50-32-8	Benzo(a)pyrene	450	U	9.8	45.6	450	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	450	U	15.2	45.6	450	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	450	U	13.1	45.6	450	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-8D46	SDG No.:	H2720
Lab Sample ID:	H2720-16	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	26.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086540.D	1	04/28/16 10:31	05/01/16 00:00	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	450	U	18.5	45.6	450	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	450	U	17.9	45.6	450	ug/Kg
123-91-1	1,4-Dioxane	450	U	17.9	91.1	450	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	450	U	17.9	45.6	450	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	110		28 - 127		74%	SPK: 150
13127-88-3	Phenol-d6	130		34 - 127		85%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.9		31 - 132		78%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.8		39 - 123		78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		30 - 133		86%	SPK: 150
1718-51-0	Terphenyl-d14	79.7		37 - 115		80%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	132758	6.76				
1146-65-2	Naphthalene-d8	595575	8.05				
15067-26-2	Acenaphthene-d10	294234	9.8				
1517-22-2	Phenanthrene-d10	549750	11.28				
1719-03-5	Chrysene-d12	449635	13.91				
1520-96-3	Perylene-d12	329635	15.3				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	AB			4.92	ug/Kg
	unknown6.53	3600	JB			6.53	ug/Kg
000112-95-8	Eicosane	150	J			10.72	ug/Kg
	unknown13.25	99.8	J			13.25	ug/Kg
	unknown13.38	380	J			13.38	ug/Kg
001599-67-3	1-Docosene	640	J			13.77	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-8D46	SDG No.:	H2720
Lab Sample ID:	H2720-16	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	26.9
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086540.D	1	04/28/16 10:31	05/01/16 00:00	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-10D46	SDG No.:	H2720
Lab Sample ID:	H2720-17	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19.7
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086541.D	1	04/28/16 10:31	05/01/16 00:29	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	410	U	21.6	41.4	410	ug/Kg
108-95-2	Phenol	410	U	9.6	41.4	410	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	410	U	19.9	41.4	410	ug/Kg
95-57-8	2-Chlorophenol	410	U	21.9	41.4	410	ug/Kg
95-48-7	2-Methylphenol	410	U	22.5	41.4	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	410	U	17.1	41.4	410	ug/Kg
98-86-2	Acetophenone	410	U	12.7	41.4	410	ug/Kg
65794-96-9	3+4-Methylphenols	410	U	21.5	41.4	410	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	410	U	20.9	41.4	410	ug/Kg
67-72-1	Hexachloroethane	410	U	18.5	41.4	410	ug/Kg
98-95-3	Nitrobenzene	410	U	15.6	41.4	410	ug/Kg
78-59-1	Isophorone	410	U	13.7	41.4	410	ug/Kg
88-75-5	2-Nitrophenol	410	U	20	41.4	410	ug/Kg
105-67-9	2,4-Dimethylphenol	410	U	23.5	41.4	410	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	410	U	23.8	41.4	410	ug/Kg
120-83-2	2,4-Dichlorophenol	410	U	15.8	41.4	410	ug/Kg
91-20-3	Naphthalene	410	U	14.3	41.4	410	ug/Kg
106-47-8	4-Chloroaniline	410	U	29.2	41.4	410	ug/Kg
87-68-3	Hexachlorobutadiene	410	U	15	41.4	410	ug/Kg
105-60-2	Caprolactam	410	U	19.3	82.8	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	410	U	18.4	41.4	410	ug/Kg
91-57-6	2-Methylnaphthalene	410	U	10.4	41.4	410	ug/Kg
77-47-4	Hexachlorocyclopentadiene	410	U	10.1	41.4	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	410	U	12.7	41.4	410	ug/Kg
95-95-4	2,4,5-Trichlorophenol	410	U	29.1	41.4	410	ug/Kg
92-52-4	1,1-Biphenyl	410	U	15.6	41.4	410	ug/Kg
91-58-7	2-Chloronaphthalene	410	U	9.4	41.4	410	ug/Kg
88-74-4	2-Nitroaniline	410	U	18.4	41.4	410	ug/Kg
131-11-3	Dimethylphthalate	400	J	11.2	41.4	410	ug/Kg
208-96-8	Acenaphthylene	410	U	10.4	41.4	410	ug/Kg
606-20-2	2,6-Dinitrotoluene	410	U	16.9	41.4	410	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-10D46	SDG No.:	H2720
Lab Sample ID:	H2720-17	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19.7
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086541.D	1	04/28/16 10:31	05/01/16 00:29	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	410	U	26.6	82.8	410	ug/Kg
83-32-9	Acenaphthene	410	U	11.7	41.4	410	ug/Kg
51-28-5	2,4-Dinitrophenol	410	U	42.1	330	410	ug/Kg
100-02-7	4-Nitrophenol	410	U	76.9	210	410	ug/Kg
132-64-9	Dibenzofuran	410	U	16.1	41.4	410	ug/Kg
121-14-2	2,4-Dinitrotoluene	410	U	12.4	41.4	410	ug/Kg
84-66-2	Diethylphthalate	410	U	6.5	41.4	410	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	410	U	22.5	41.4	410	ug/Kg
86-73-7	Fluorene	410	U	15.6	41.4	410	ug/Kg
100-01-6	4-Nitroaniline	410	U	53.9	82.8	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	410	U	23.7	210	410	ug/Kg
86-30-6	n-Nitrosodiphenylamine	410	U	9.9	41.4	410	ug/Kg
101-55-3	4-Bromophenyl-phenylether	410	U	8.1	41.4	410	ug/Kg
118-74-1	Hexachlorobenzene	410	U	16.9	41.4	410	ug/Kg
1912-24-9	Atrazine	410	U	21.9	41.4	410	ug/Kg
87-86-5	Pentachlorophenol	410	U	28.3	41.4	410	ug/Kg
85-01-8	Phenanthrene	410	U	11.2	41.4	410	ug/Kg
120-12-7	Anthracene	410	U	8.4	41.4	410	ug/Kg
86-74-8	Carbazole	410	U	9.1	41.4	410	ug/Kg
84-74-2	Di-n-butylphthalate	410	U	32.5	41.4	410	ug/Kg
206-44-0	Fluoranthene	410	U	8.3	41.4	410	ug/Kg
129-00-0	Pyrene	410	U	9.9	41.4	410	ug/Kg
85-68-7	Butylbenzylphthalate	410	U	19.9	41.4	410	ug/Kg
91-94-1	3,3-Dichlorobenzidine	410	U	26.6	41.4	410	ug/Kg
56-55-3	Benzo(a)anthracene	410	U	19.7	41.4	410	ug/Kg
218-01-9	Chrysene	410	U	18.8	41.4	410	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	410	U	14.7	41.4	410	ug/Kg
117-84-0	Di-n-octyl phthalate	410	U	4.7	41.4	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	410	U	13.5	41.4	410	ug/Kg
207-08-9	Benzo(k)fluoranthene	410	U	19.5	41.4	410	ug/Kg
50-32-8	Benzo(a)pyrene	410	U	8.9	41.4	410	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410	U	13.8	41.4	410	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	410	U	11.9	41.4	410	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-10D46	SDG No.:	H2720
Lab Sample ID:	H2720-17	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19.7
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086541.D	1	04/28/16 10:31	05/01/16 00:29	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	410	U	16.8	41.4	410	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	410	U	16.3	41.4	410	ug/Kg
123-91-1	1,4-Dioxane	410	U	16.3	82.8	410	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	410	U	16.3	41.4	410	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	130		28 - 127		87%	SPK: 150
13127-88-3	Phenol-d6	150		34 - 127		98%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.6		31 - 132		93%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.9		39 - 123		78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		30 - 133		82%	SPK: 150
1718-51-0	Terphenyl-d14	62		37 - 115		62%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	125241	6.76				
1146-65-2	Naphthalene-d8	550353	8.05				
15067-26-2	Acenaphthene-d10	276132	9.8				
1517-22-2	Phenanthrene-d10	522709	11.28				
1719-03-5	Chrysene-d12	441181	13.9				
1520-96-3	Perylene-d12	339874	15.3				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	290	AB			4.93	ug/Kg
	unknown6.53	3900	JB			6.53	ug/Kg
000544-76-3	Hexadecane	120	J			10.72	ug/Kg
001599-67-3	1-Docosene	160	J			13.78	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-11D24	SDG No.:	H2720
Lab Sample ID:	H2720-18	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	22.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086542.D	1	04/28/16 10:31	05/01/16 00:57	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	430	U	22.5	43.1	430	ug/Kg
108-95-2	Phenol	430	U	10	43.1	430	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	430	U	20.7	43.1	430	ug/Kg
95-57-8	2-Chlorophenol	430	U	22.8	43.1	430	ug/Kg
95-48-7	2-Methylphenol	430	U	23.4	43.1	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	430	U	17.9	43.1	430	ug/Kg
98-86-2	Acetophenone	430	U	13.2	43.1	430	ug/Kg
65794-96-9	3+4-Methylphenols	430	U	22.4	43.1	430	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	430	U	21.7	43.1	430	ug/Kg
67-72-1	Hexachloroethane	430	U	19.3	43.1	430	ug/Kg
98-95-3	Nitrobenzene	430	U	16.3	43.1	430	ug/Kg
78-59-1	Isophorone	430	U	14.2	43.1	430	ug/Kg
88-75-5	2-Nitrophenol	430	U	20.8	43.1	430	ug/Kg
105-67-9	2,4-Dimethylphenol	430	U	24.4	43.1	430	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	430	U	24.8	43.1	430	ug/Kg
120-83-2	2,4-Dichlorophenol	430	U	16.4	43.1	430	ug/Kg
91-20-3	Naphthalene	430	U	14.9	43.1	430	ug/Kg
106-47-8	4-Chloroaniline	430	U	30.4	43.1	430	ug/Kg
87-68-3	Hexachlorobutadiene	430	U	15.7	43.1	430	ug/Kg
105-60-2	Caprolactam	430	U	20.1	86.2	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	430	U	19.1	43.1	430	ug/Kg
91-57-6	2-Methylnaphthalene	430	U	10.9	43.1	430	ug/Kg
77-47-4	Hexachlorocyclopentadiene	430	U	10.5	43.1	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	430	U	13.2	43.1	430	ug/Kg
95-95-4	2,4,5-Trichlorophenol	430	U	30.3	43.1	430	ug/Kg
92-52-4	1,1-Biphenyl	430	U	16.3	43.1	430	ug/Kg
91-58-7	2-Chloronaphthalene	430	U	9.8	43.1	430	ug/Kg
88-74-4	2-Nitroaniline	430	U	19.1	43.1	430	ug/Kg
131-11-3	Dimethylphthalate	470		11.6	43.1	430	ug/Kg
208-96-8	Acenaphthylene	430	U	10.9	43.1	430	ug/Kg
606-20-2	2,6-Dinitrotoluene	430	U	17.6	43.1	430	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-11D24	SDG No.:	H2720
Lab Sample ID:	H2720-18	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	22.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086542.D	1	04/28/16 10:31	05/01/16 00:57	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	430	U	27.7	86.2	430	ug/Kg
83-32-9	Acenaphthene	430	U	12.2	43.1	430	ug/Kg
51-28-5	2,4-Dinitrophenol	430	U	43.9	340	430	ug/Kg
100-02-7	4-Nitrophenol	430	U	80.1	220	430	ug/Kg
132-64-9	Dibenzofuran	430	U	16.8	43.1	430	ug/Kg
121-14-2	2,4-Dinitrotoluene	430	U	12.9	43.1	430	ug/Kg
84-66-2	Diethylphthalate	430	U	6.7	43.1	430	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	430	U	23.4	43.1	430	ug/Kg
86-73-7	Fluorene	430	U	16.3	43.1	430	ug/Kg
100-01-6	4-Nitroaniline	430	U	56.1	86.2	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	430	U	24.7	220	430	ug/Kg
86-30-6	n-Nitrosodiphenylamine	430	U	10.3	43.1	430	ug/Kg
101-55-3	4-Bromophenyl-phenylether	430	U	8.4	43.1	430	ug/Kg
118-74-1	Hexachlorobenzene	430	U	17.6	43.1	430	ug/Kg
1912-24-9	Atrazine	430	U	22.8	43.1	430	ug/Kg
87-86-5	Pentachlorophenol	430	U	29.5	43.1	430	ug/Kg
85-01-8	Phenanthrene	430	U	11.6	43.1	430	ug/Kg
120-12-7	Anthracene	430	U	8.8	43.1	430	ug/Kg
86-74-8	Carbazole	430	U	9.4	43.1	430	ug/Kg
84-74-2	Di-n-butylphthalate	430	U	33.9	43.1	430	ug/Kg
206-44-0	Fluoranthene	430	U	8.7	43.1	430	ug/Kg
129-00-0	Pyrene	430	U	10.3	43.1	430	ug/Kg
85-68-7	Butylbenzylphthalate	430	U	20.7	43.1	430	ug/Kg
91-94-1	3,3-Dichlorobenzidine	430	U	27.7	43.1	430	ug/Kg
56-55-3	Benzo(a)anthracene	430	U	20.6	43.1	430	ug/Kg
218-01-9	Chrysene	430	U	19.5	43.1	430	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	430	U	15.3	43.1	430	ug/Kg
117-84-0	Di-n-octyl phthalate	430	U	4.9	43.1	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	430	U	14.1	43.1	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	430	U	20.3	43.1	430	ug/Kg
50-32-8	Benzo(a)pyrene	430	U	9.3	43.1	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	430	U	14.4	43.1	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	430	U	12.4	43.1	430	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-11D24	SDG No.:	H2720
Lab Sample ID:	H2720-18	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	22.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086542.D	1	04/28/16 10:31	05/01/16 00:57	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	430	U	17.5	43.1	430	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	430	U	16.9	43.1	430	ug/Kg
123-91-1	1,4-Dioxane	430	U	16.9	86.2	430	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	430	U	16.9	43.1	430	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	140		28 - 127		94%	SPK: 150
13127-88-3	Phenol-d6	140		34 - 127		94%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.2		31 - 132		97%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.7		39 - 123		77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		30 - 133		86%	SPK: 150
1718-51-0	Terphenyl-d14	70.1		37 - 115		70%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137405	6.76				
1146-65-2	Naphthalene-d8	592935	8.05				
15067-26-2	Acenaphthene-d10	297647	9.8				
1517-22-2	Phenanthrene-d10	564245	11.28				
1719-03-5	Chrysene-d12	455207	13.91				
1520-96-3	Perylene-d12	340957	15.3				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	300	AB			4.94	ug/Kg
	unknown6.53	4100	JB			6.53	ug/Kg
000544-76-3	Hexadecane	92.7	J			10.25	ug/Kg
000112-95-8	Eicosane	120	J			10.72	ug/Kg
001599-67-3	1-Docosene	670	J			13.77	ug/Kg
1000283-04-2	Pentafluoropropionic acid, heptade	120	J			15.81	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-11D24	SDG No.:	H2720
Lab Sample ID:	H2720-18	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	22.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086542.D	1	04/28/16 10:31	05/01/16 00:57	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-13D24	SDG No.:	H2720
Lab Sample ID:	H2720-19	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	17.1
Sample Wt/Vol:	30.15 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086543.D	1	04/28/16 10:31	05/01/16 01:26	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	400	U	20.9	40	400	ug/Kg
108-95-2	Phenol	400	U	9.2	40	400	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	400	U	19.2	40	400	ug/Kg
95-57-8	2-Chlorophenol	400	U	21.1	40	400	ug/Kg
95-48-7	2-Methylphenol	400	U	21.7	40	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	400	U	16.6	40	400	ug/Kg
98-86-2	Acetophenone	400	U	12.2	40	400	ug/Kg
65794-96-9	3+4-Methylphenols	400	U	20.8	40	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	400	U	20.2	40	400	ug/Kg
67-72-1	Hexachloroethane	400	U	17.9	40	400	ug/Kg
98-95-3	Nitrobenzene	400	U	15.1	40	400	ug/Kg
78-59-1	Isophorone	400	U	13.2	40	400	ug/Kg
88-75-5	2-Nitrophenol	400	U	19.3	40	400	ug/Kg
105-67-9	2,4-Dimethylphenol	400	U	22.7	40	400	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	400	U	23	40	400	ug/Kg
120-83-2	2,4-Dichlorophenol	400	U	15.2	40	400	ug/Kg
91-20-3	Naphthalene	400	U	13.8	40	400	ug/Kg
106-47-8	4-Chloroaniline	400	U	28.2	40	400	ug/Kg
87-68-3	Hexachlorobutadiene	400	U	14.5	40	400	ug/Kg
105-60-2	Caprolactam	400	U	18.6	80	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	400	U	17.8	40	400	ug/Kg
91-57-6	2-Methylnaphthalene	400	U	10.1	40	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	400	U	9.7	40	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	400	U	12.2	40	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	400	U	28.1	40	400	ug/Kg
92-52-4	1,1-Biphenyl	400	U	15.1	40	400	ug/Kg
91-58-7	2-Chloronaphthalene	400	U	9.1	40	400	ug/Kg
88-74-4	2-Nitroaniline	400	U	17.8	40	400	ug/Kg
131-11-3	Dimethylphthalate	390	J	10.8	40	400	ug/Kg
208-96-8	Acenaphthylene	400	U	10.1	40	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	400	U	16.3	40	400	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-13D24	SDG No.:	H2720
Lab Sample ID:	H2720-19	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	17.1
Sample Wt/Vol:	30.15 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086543.D	1	04/28/16 10:31	05/01/16 01:26	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	400	U	25.7	80	400	ug/Kg
83-32-9	Acenaphthene	400	U	11.3	40	400	ug/Kg
51-28-5	2,4-Dinitrophenol	400	U	40.7	320	400	ug/Kg
100-02-7	4-Nitrophenol	400	U	74.3	200	400	ug/Kg
132-64-9	Dibenzofuran	400	U	15.6	40	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	400	U	12	40	400	ug/Kg
84-66-2	Diethylphthalate	400	U	6.2	40	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	400	U	21.7	40	400	ug/Kg
86-73-7	Fluorene	400	U	15.1	40	400	ug/Kg
100-01-6	4-Nitroaniline	400	U	52.1	80	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	22.9	200	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	400	U	9.6	40	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	400	U	7.8	40	400	ug/Kg
118-74-1	Hexachlorobenzene	400	U	16.3	40	400	ug/Kg
1912-24-9	Atrazine	400	U	21.1	40	400	ug/Kg
87-86-5	Pentachlorophenol	400	U	27.4	40	400	ug/Kg
85-01-8	Phenanthrene	400	U	10.8	40	400	ug/Kg
120-12-7	Anthracene	400	U	8.2	40	400	ug/Kg
86-74-8	Carbazole	400	U	8.8	40	400	ug/Kg
84-74-2	Di-n-butylphthalate	400	U	31.4	40	400	ug/Kg
206-44-0	Fluoranthene	400	U	8	40	400	ug/Kg
129-00-0	Pyrene	400	U	9.6	40	400	ug/Kg
85-68-7	Butylbenzylphthalate	400	U	19.2	40	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	400	U	25.7	40	400	ug/Kg
56-55-3	Benzo(a)anthracene	400	U	19.1	40	400	ug/Kg
218-01-9	Chrysene	400	U	18.1	40	400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	400	U	14.2	40	400	ug/Kg
117-84-0	Di-n-octyl phthalate	400	U	4.6	40	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	400	U	13.1	40	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	400	U	18.8	40	400	ug/Kg
50-32-8	Benzo(a)pyrene	400	U	8.6	40	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400	U	13.3	40	400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	400	U	11.5	40	400	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-13D24	SDG No.:	H2720
Lab Sample ID:	H2720-19	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	17.1
Sample Wt/Vol:	30.15 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086543.D	1	04/28/16 10:31	05/01/16 01:26	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	400	U	16.2	40	400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U	15.7	40	400	ug/Kg
123-91-1	1,4-Dioxane	400	U	15.7	80	400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	400	U	15.7	40	400	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120		28 - 127		83%	SPK: 150
13127-88-3	Phenol-d6	140		34 - 127		95%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.6		31 - 132		91%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.2		39 - 123		75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		30 - 133		79%	SPK: 150
1718-51-0	Terphenyl-d14	60		37 - 115		60%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	129317	6.76				
1146-65-2	Naphthalene-d8	561537	8.05				
15067-26-2	Acenaphthene-d10	283023	9.8				
1517-22-2	Phenanthrene-d10	531701	11.28				
1719-03-5	Chrysene-d12	431179	13.91				
1520-96-3	Perylene-d12	325035	15.3				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	220	AB			4.93	ug/Kg
	unknown6.53	3600	JB			6.53	ug/Kg
000629-62-9	Pentadecane	100	J			10.72	ug/Kg
001599-67-3	1-Docosene	170	J			13.78	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-14D02	SDG No.:	H2720
Lab Sample ID:	H2720-20	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	16.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086803.D	1	04/28/16 10:31	05/08/16 05:15	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	390	U	20.8	39.8	390	ug/Kg
108-95-2	Phenol	390	U	9.2	39.8	390	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	390	U	19.1	39.8	390	ug/Kg
95-57-8	2-Chlorophenol	390	U	21	39.8	390	ug/Kg
95-48-7	2-Methylphenol	390	U	21.6	39.8	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	390	U	16.5	39.8	390	ug/Kg
98-86-2	Acetophenone	390	U	12.2	39.8	390	ug/Kg
65794-96-9	3+4-Methylphenols	390	U	20.7	39.8	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	390	U	20.1	39.8	390	ug/Kg
67-72-1	Hexachloroethane	390	U	17.8	39.8	390	ug/Kg
98-95-3	Nitrobenzene	390	U	15	39.8	390	ug/Kg
78-59-1	Isophorone	390	U	13.1	39.8	390	ug/Kg
88-75-5	2-Nitrophenol	390	U	19.2	39.8	390	ug/Kg
105-67-9	2,4-Dimethylphenol	390	U	22.6	39.8	390	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	390	U	22.9	39.8	390	ug/Kg
120-83-2	2,4-Dichlorophenol	390	U	15.2	39.8	390	ug/Kg
91-20-3	Naphthalene	390	U	13.7	39.8	390	ug/Kg
106-47-8	4-Chloroaniline	390	U	28.1	39.8	390	ug/Kg
87-68-3	Hexachlorobutadiene	390	U	14.4	39.8	390	ug/Kg
105-60-2	Caprolactam	390	U	18.5	79.6	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	390	U	17.7	39.8	390	ug/Kg
91-57-6	2-Methylnaphthalene	390	U	10	39.8	390	ug/Kg
77-47-4	Hexachlorocyclopentadiene	390	U	9.7	39.8	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	390	U	12.2	39.8	390	ug/Kg
95-95-4	2,4,5-Trichlorophenol	390	U	27.9	39.8	390	ug/Kg
92-52-4	1,1-Biphenyl	390	U	15	39.8	390	ug/Kg
91-58-7	2-Chloronaphthalene	390	U	9.1	39.8	390	ug/Kg
88-74-4	2-Nitroaniline	390	U	17.7	39.8	390	ug/Kg
131-11-3	Dimethylphthalate	440		10.7	39.8	390	ug/Kg
208-96-8	Acenaphthylene	390	U	10	39.8	390	ug/Kg
606-20-2	2,6-Dinitrotoluene	390	U	16.2	39.8	390	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-14D02	SDG No.:	H2720
Lab Sample ID:	H2720-20	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	16.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086803.D	1	04/28/16 10:31	05/08/16 05:15	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	390	U	25.6	79.6	390	ug/Kg
83-32-9	Acenaphthene	390	U	11.2	39.8	390	ug/Kg
51-28-5	2,4-Dinitrophenol	390	U	40.5	320	390	ug/Kg
100-02-7	4-Nitrophenol	390	U	73.9	200	390	ug/Kg
132-64-9	Dibenzofuran	390	U	15.5	39.8	390	ug/Kg
121-14-2	2,4-Dinitrotoluene	390	U	11.9	39.8	390	ug/Kg
84-66-2	Diethylphthalate	390	U	6.2	39.8	390	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	390	U	21.6	39.8	390	ug/Kg
86-73-7	Fluorene	390	U	15	39.8	390	ug/Kg
100-01-6	4-Nitroaniline	390	U	51.8	79.6	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	22.8	200	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	390	U	9.6	39.8	390	ug/Kg
101-55-3	4-Bromophenyl-phenylether	390	U	7.8	39.8	390	ug/Kg
118-74-1	Hexachlorobenzene	390	U	16.2	39.8	390	ug/Kg
1912-24-9	Atrazine	390	U	21	39.8	390	ug/Kg
87-86-5	Pentachlorophenol	390	U	27.2	39.8	390	ug/Kg
85-01-8	Phenanthrene	490		10.7	39.8	390	ug/Kg
120-12-7	Anthracene	110	J	8.1	39.8	390	ug/Kg
86-74-8	Carbazole	390	U	8.7	39.8	390	ug/Kg
84-74-2	Di-n-butylphthalate	390	U	31.3	39.8	390	ug/Kg
206-44-0	Fluoranthene	830		8	39.8	390	ug/Kg
129-00-0	Pyrene	710		9.6	39.8	390	ug/Kg
85-68-7	Butylbenzylphthalate	390	U	19.1	39.8	390	ug/Kg
91-94-1	3,3-Dichlorobenzidine	390	U	25.6	39.8	390	ug/Kg
56-55-3	Benzo(a)anthracene	520		19	39.8	390	ug/Kg
218-01-9	Chrysene	340	J	18	39.8	390	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	390	U	14.1	39.8	390	ug/Kg
117-84-0	Di-n-octyl phthalate	390	U	4.5	39.8	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	460		13	39.8	390	ug/Kg
207-08-9	Benzo(k)fluoranthene	230	J	18.7	39.8	390	ug/Kg
50-32-8	Benzo(a)pyrene	350	J	8.6	39.8	390	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	J	13.3	39.8	390	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	390	U	11.5	39.8	390	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-14D02	SDG No.:	H2720
Lab Sample ID:	H2720-20	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	16.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086803.D	1	04/28/16 10:31	05/08/16 05:15	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	180	J	16.1	39.8	390	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	390	U	15.6	39.8	390	ug/Kg
123-91-1	1,4-Dioxane	390	U	15.6	79.6	390	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	390	U	15.6	39.8	390	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	100		28 - 127		68%	SPK: 150
13127-88-3	Phenol-d6	120		34 - 127		77%	SPK: 150
4165-60-0	Nitrobenzene-d5	77.1		31 - 132		77%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.3		39 - 123		82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		30 - 133		84%	SPK: 150
1718-51-0	Terphenyl-d14	66.1		37 - 115		66%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200040	6.7				
1146-65-2	Naphthalene-d8	787674	7.98				
15067-26-2	Acenaphthene-d10	361848	9.73				
1517-22-2	Phenanthrene-d10	652577	11.22				
1719-03-5	Chrysene-d12	418303	13.85				
1520-96-3	Perylene-d12	358982	15.23				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	470	AB			4.89	ug/Kg
	unknown6.48	6000	J			6.48	ug/Kg
000544-76-3	Hexadecane	250	J			10.18	ug/Kg
000057-10-3	n-Hexadecanoic acid	760	J			11.77	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	280	J			11.82	ug/Kg
1000282-97-3	Heptafluorobutanoic acid, heptadec	410	J			13.7	ug/Kg
000629-92-5	Nonadecane	300	J			14.33	ug/Kg
071005-15-7	Pentadecane, 8-heptyl-	280	J			14.61	ug/Kg
000638-66-4	Octadecanal	250	J			14.75	ug/Kg
000646-31-1	Tetracosane	330	J			15.63	ug/Kg
	unknown17.72	250	J			17.72	ug/Kg
	unknown17.88	220	J			17.88	ug/Kg
	unknown18.50	250	J			18.5	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-14D02	SDG No.:	H2720
Lab Sample ID:	H2720-20	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	16.4
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086803.D	1	04/28/16 10:31	05/08/16 05:15	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
	unknown18.98	310	J			18.98	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-18D24	SDG No.:	H2720
Lab Sample ID:	H2720-21	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	18.2
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086725.D	1	04/28/16 10:31	05/06/16 00:38	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	400	U	21.2	40.6	400	ug/Kg
108-95-2	Phenol	400	U	9.4	40.6	400	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	400	U	19.5	40.6	400	ug/Kg
95-57-8	2-Chlorophenol	400	U	21.5	40.6	400	ug/Kg
95-48-7	2-Methylphenol	400	U	22.1	40.6	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	400	U	16.8	40.6	400	ug/Kg
98-86-2	Acetophenone	400	U	12.4	40.6	400	ug/Kg
65794-96-9	3+4-Methylphenols	400	U	21.1	40.6	400	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	400	U	20.5	40.6	400	ug/Kg
67-72-1	Hexachloroethane	400	U	18.2	40.6	400	ug/Kg
98-95-3	Nitrobenzene	400	U	15.4	40.6	400	ug/Kg
78-59-1	Isophorone	400	U	13.4	40.6	400	ug/Kg
88-75-5	2-Nitrophenol	400	U	19.6	40.6	400	ug/Kg
105-67-9	2,4-Dimethylphenol	400	U	23	40.6	400	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	400	U	23.4	40.6	400	ug/Kg
120-83-2	2,4-Dichlorophenol	400	U	15.5	40.6	400	ug/Kg
91-20-3	Naphthalene	400	U	14	40.6	400	ug/Kg
106-47-8	4-Chloroaniline	400	U	28.7	40.6	400	ug/Kg
87-68-3	Hexachlorobutadiene	400	U	14.8	40.6	400	ug/Kg
105-60-2	Caprolactam	400	U	18.9	81.3	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	400	U	18	40.6	400	ug/Kg
91-57-6	2-Methylnaphthalene	400	U	10.2	40.6	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	400	U	9.9	40.6	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	400	U	12.4	40.6	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	400	U	28.5	40.6	400	ug/Kg
92-52-4	1,1-Biphenyl	400	U	15.4	40.6	400	ug/Kg
91-58-7	2-Chloronaphthalene	400	U	9.3	40.6	400	ug/Kg
88-74-4	2-Nitroaniline	400	U	18	40.6	400	ug/Kg
131-11-3	Dimethylphthalate	500		11	40.6	400	ug/Kg
208-96-8	Acenaphthylene	400	U	10.2	40.6	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	400	U	16.6	40.6	400	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-18D24	SDG No.:	H2720
Lab Sample ID:	H2720-21	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	18.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086725.D	1	04/28/16 10:31	05/06/16 00:38	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	400	U	26.1	81.3	400	ug/Kg
83-32-9	Acenaphthene	400	U	11.5	40.6	400	ug/Kg
51-28-5	2,4-Dinitrophenol	400	U	41.3	330	400	ug/Kg
100-02-7	4-Nitrophenol	400	U	75.5	200	400	ug/Kg
132-64-9	Dibenzofuran	400	U	15.9	40.6	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	400	U	12.2	40.6	400	ug/Kg
84-66-2	Diethylphthalate	400	U	6.3	40.6	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	400	U	22.1	40.6	400	ug/Kg
86-73-7	Fluorene	400	U	15.4	40.6	400	ug/Kg
100-01-6	4-Nitroaniline	400	U	52.9	81.3	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	23.3	200	400	ug/Kg
86-30-6	n-Nitrosodiphenylamine	400	U	9.8	40.6	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	400	U	7.9	40.6	400	ug/Kg
118-74-1	Hexachlorobenzene	400	U	16.6	40.6	400	ug/Kg
1912-24-9	Atrazine	400	U	21.5	40.6	400	ug/Kg
87-86-5	Pentachlorophenol	400	U	27.8	40.6	400	ug/Kg
85-01-8	Phenanthrene	400	U	11	40.6	400	ug/Kg
120-12-7	Anthracene	400	U	8.3	40.6	400	ug/Kg
86-74-8	Carbazole	400	U	8.9	40.6	400	ug/Kg
84-74-2	Di-n-butylphthalate	400	U	31.9	40.6	400	ug/Kg
206-44-0	Fluoranthene	400	U	8.2	40.6	400	ug/Kg
129-00-0	Pyrene	400	U	9.8	40.6	400	ug/Kg
85-68-7	Butylbenzylphthalate	400	U	19.5	40.6	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	400	U	26.1	40.6	400	ug/Kg
56-55-3	Benzo(a)anthracene	400	U	19.4	40.6	400	ug/Kg
218-01-9	Chrysene	400	U	18.4	40.6	400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	400	U	14.4	40.6	400	ug/Kg
117-84-0	Di-n-octyl phthalate	400	U	4.6	40.6	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	400	U	13.3	40.6	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	400	U	19.1	40.6	400	ug/Kg
50-32-8	Benzo(a)pyrene	400	U	8.8	40.6	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400	U	13.5	40.6	400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	400	U	11.7	40.6	400	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-18D24	SDG No.:	H2720
Lab Sample ID:	H2720-21	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	18.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086725.D	1	04/28/16 10:31	05/06/16 00:38	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	400	U	16.5	40.6	400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	400	U	16	40.6	400	ug/Kg
123-91-1	1,4-Dioxane	400	U	16	81.3	400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	400	U	16	40.6	400	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120		28 - 127		83%	SPK: 150
13127-88-3	Phenol-d6	140		34 - 127		92%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.6		31 - 132		94%	SPK: 100
321-60-8	2-Fluorobiphenyl	81		39 - 123		81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		30 - 133		79%	SPK: 150
1718-51-0	Terphenyl-d14	61.7		37 - 115		62%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175784	6.73				
1146-65-2	Naphthalene-d8	657105	8.02				
15067-26-2	Acenaphthene-d10	295083	9.77				
1517-22-2	Phenanthrene-d10	425725	11.24				
1719-03-5	Chrysene-d12	337430	13.87				
1520-96-3	Perylene-d12	289790	15.27				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	570	AB			4.9	ug/Kg
	unknown6.50	7300	J			6.5	ug/Kg
000544-76-3	Hexadecane	170	J			10.2	ug/Kg
000112-95-8	Eicosane	300	J			10.68	ug/Kg
000112-37-8	Undecanoic acid	280	J			11.78	ug/Kg
1000130-97-9	E-15-Heptadecenal	1500	J			13.73	ug/Kg
006971-40-0	17-Pentatriacontene	320	J			14.36	ug/Kg
055282-13-8	Octadecane, 5,14-dibutyl-	270	J			14.65	ug/Kg
013475-76-8	Docosane, 11-butyl-	170	J			14.96	ug/Kg
000630-01-3	Hexacosane	190	J			15.69	ug/Kg
056221-91-1	13-Tetradecen-1-ol acetate	250	J			15.75	ug/Kg
000630-02-4	Octacosane	360	J			16.15	ug/Kg
071005-15-7	Pentadecane, 8-heptyl-	280	J			16.67	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-18D24	SDG No.:	H2720
Lab Sample ID:	H2720-21	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	18.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086725.D	1	04/28/16 10:31	05/06/16 00:38	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000593-45-3	Octadecane	280	J			17.29	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: 8270D

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
H2720-05	SS1	2-Fluorophenol	150	117.12	78		28	127
		Phenol-d6	150	125.87	84		34	127
		Nitrobenzene-d5	100	82.03	82		31	132
		2-Fluorobiphenyl	100	88.65	89		39	123
		2,4,6-Tribromophenol	150	147.13	98		30	133
		Terphenyl-d14	100	73.49	73		37	115
H2720-06	SS2	2-Fluorophenol	150	114.15	76		28	127
		Phenol-d6	150	126.77	85		34	127
		Nitrobenzene-d5	100	85.88	86		31	132
		2-Fluorobiphenyl	100	73.39	73		39	123
		2,4,6-Tribromophenol	150	128.34	86		30	133
		Terphenyl-d14	100	51.29	51		37	115
H2720-07	SS3	2-Fluorophenol	150	141.11	94		28	127
		Phenol-d6	150	122.97	82		34	127
		Nitrobenzene-d5	100	93.15	93		31	132
		2-Fluorobiphenyl	100	94.42	94		39	123
		2,4,6-Tribromophenol	150	155.66	104		30	133
		Terphenyl-d14	100	69.20	69		37	115
H2720-08	SS4	2-Fluorophenol	150	109.04	73		28	127
		Phenol-d6	150	115.40	77		34	127
		Nitrobenzene-d5	100	82.84	83		31	132
		2-Fluorobiphenyl	100	82.62	83		39	123
		2,4,6-Tribromophenol	150	129.14	86		30	133
		Terphenyl-d14	100	59.68	60		37	115
H2720-09	SS5	2-Fluorophenol	150	132.27	88		28	127
		Phenol-d6	150	144.61	96		34	127
		Nitrobenzene-d5	100	93.72	94		31	132
		2-Fluorobiphenyl	100	71.25	71		39	123
		2,4,6-Tribromophenol	150	121.38	81		30	133
		Terphenyl-d14	100	69.58	70		37	115
H2720-10MS	SS5MS	2-Fluorophenol	150	140.10	93		28	127
		Phenol-d6	150	129.38	86		34	127
		Nitrobenzene-d5	100	81.68	82		31	132
		2-Fluorobiphenyl	100	80.38	80		39	123
		2,4,6-Tribromophenol	150	126.52	84		30	133
		Terphenyl-d14	100	73.75	74		37	115
H2720-11MSD	SS5MSD	2-Fluorophenol	150	139.10	93		28	127
		Phenol-d6	150	133.31	89		34	127
		Nitrobenzene-d5	100	84.19	84		31	132
		2-Fluorobiphenyl	100	87.54	88		39	123
		2,4,6-Tribromophenol	150	127.85	85		30	133
		Terphenyl-d14	100	77.67	78		37	115
H2720-12	SS6	2-Fluorophenol	150	138.66	92		28	127
		Phenol-d6	150	120.48	80		34	127
		Nitrobenzene-d5	100	91.25	91		31	132
		2-Fluorobiphenyl	100	97.17	97		39	123
		2,4,6-Tribromophenol	150	152.35	102		30	133
		Terphenyl-d14	100	77.93	78		37	115
H2720-13	SS7	2-Fluorophenol	150	137.55	92		28	127
		Phenol-d6	150	138.90	93		34	127
		Nitrobenzene-d5	100	93.60	94		31	132
		2-Fluorobiphenyl	100	117.20	117		39	123

Surrogate Summary

SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: 8270D

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
H2720-13	SS7	2,4,6-Tribromophenol	150	129.20	86		30	133
		Terphenyl-d14	100	72.90	73		37	115
H2720-14	DUP	2-Fluorophenol	150	38.41	26	*	28	127
		Phenol-d6	150	66.95	45		34	127
		Nitrobenzene-d5	100	42.39	42		31	132
		2-Fluorobiphenyl	100	68.63	69		39	123
		2,4,6-Tribromophenol	150	120.01	80		30	133
		Terphenyl-d14	100	62.98	63		37	115
H2720-15	TP-6D02	2-Fluorophenol	150	114.99	77		28	127
		Phenol-d6	150	122.66	82		34	127
		Nitrobenzene-d5	100	91.82	92		31	132
		2-Fluorobiphenyl	100	78.39	78		39	123
		2,4,6-Tribromophenol	150	112.03	75		30	133
		Terphenyl-d14	100	56.91	57		37	115
H2720-16	TP-8D46	2-Fluorophenol	150	111.63	74		28	127
		Phenol-d6	150	127.20	85		34	127
		Nitrobenzene-d5	100	77.87	78		31	132
		2-Fluorobiphenyl	100	77.83	78		39	123
		2,4,6-Tribromophenol	150	128.56	86		30	133
		Terphenyl-d14	100	79.70	80		37	115
H2720-17	TP-10D46	2-Fluorophenol	150	131.20	87		28	127
		Phenol-d6	150	146.76	98		34	127
		Nitrobenzene-d5	100	92.63	93		31	132
		2-Fluorobiphenyl	100	77.91	78		39	123
		2,4,6-Tribromophenol	150	123.15	82		30	133
		Terphenyl-d14	100	62.04	62		37	115
H2720-18	TP-11D24	2-Fluorophenol	150	141.16	94		28	127
		Phenol-d6	150	141.50	94		34	127
		Nitrobenzene-d5	100	97.18	97		31	132
		2-Fluorobiphenyl	100	76.69	77		39	123
		2,4,6-Tribromophenol	150	129.03	86		30	133
		Terphenyl-d14	100	70.11	70		37	115
H2720-19	TP-13D24	2-Fluorophenol	150	124.83	83		28	127
		Phenol-d6	150	142.05	95		34	127
		Nitrobenzene-d5	100	90.58	91		31	132
		2-Fluorobiphenyl	100	75.18	75		39	123
		2,4,6-Tribromophenol	150	118.69	79		30	133
		Terphenyl-d14	100	60.01	60		37	115
H2720-20	TP-14D02	2-Fluorophenol	150	101.90	68		28	127
		Phenol-d6	150	115.72	77		34	127
		Nitrobenzene-d5	100	77.10	77		31	132
		2-Fluorobiphenyl	100	82.34	82		39	123
		2,4,6-Tribromophenol	150	126.10	84		30	133
		Terphenyl-d14	100	66.07	66		37	115
H2720-21	TP-18D24	2-Fluorophenol	150	124.87	83		28	127
		Phenol-d6	150	138.51	92		34	127
		Nitrobenzene-d5	100	93.60	94		31	132
		2-Fluorobiphenyl	100	81.03	81		39	123
		2,4,6-Tribromophenol	150	119.04	79		30	133
		Terphenyl-d14	100	61.68	62		37	115
PB90161BL	PB90161BL	2-Fluorophenol	150	121.85	81		28	127
		Phenol-d6	150	125.93	84		34	127

Surrogate Summary
SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: 8270D

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB90161BL	PB90161BL	Nitrobenzene-d5	100	73.10	73		31	132
		2-Fluorobiphenyl	100	71.57	72		39	123
		2,4,6-Tribromophenol	150	98.74	66		30	133
		Terphenyl-d14	100	57.82	58		37	115
PB90161BS	PB90161BS	2-Fluorophenol	150	115.83	77		28	127
		Phenol-d6	150	101.41	68		34	127
		Nitrobenzene-d5	100	65.77	66		31	132
		2-Fluorobiphenyl	100	71.93	72		39	123
		2,4,6-Tribromophenol	150	101.02	67		30	133
		Terphenyl-d14	100	59.16	59		37	115

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	H2720-10MS	Client Sample ID:	SS5MS					DataFile:	BF086547.D		
Benzaldehyde	2100	0	380	ug/Kg	18				10	105	
Phenol	2100	0	1600	ug/Kg	76				40	115	
bis(2-Chloroethyl)ether	2100	0	1800	ug/Kg	86				48	110	
2-Chlorophenol	2100	0	1800	ug/Kg	86				39	115	
2-Methylphenol	2100	0	2000	ug/Kg	95				48	111	
2,2-oxybis(1-Chloropropane)	2100	0	1700	ug/Kg	81				43	116	
Acetophenone	2100	0	1900	ug/Kg	90				46	122	
3+4-Methylphenols	2100	0	1900	ug/Kg	90				46	115	
N-Nitroso-di-n-propylamine	2100	0	1900	ug/Kg	90				37	128	
Hexachloroethane	2100	0	1600	ug/Kg	76				37	117	
Nitrobenzene	2100	0	1900	ug/Kg	90				45	117	
Isophorone	2100	0	1800	ug/Kg	86				44	121	
2-Nitrophenol	2100	0	1900	ug/Kg	90				32	123	
2,4-Dimethylphenol	2100	0	1800	ug/Kg	86				45	118	
bis(2-Chloroethoxy)methane	2100	0	2000	ug/Kg	95				47	117	
2,4-Dichlorophenol	2100	0	2000	ug/Kg	95				37	122	
Naphthalene	2100	0	1700	ug/Kg	81				42	121	
4-Chloroaniline	2100	0	410	ug/Kg	20				10	130	
Hexachlorobutadiene	2100	0	1500	ug/Kg	71				49	111	
Caprolactam	2100	0	2000	ug/Kg	95				26	133	
4-Chloro-3-methylphenol	2100	0	2000	ug/Kg	95				46	115	
2-Methylnaphthalene	2100	0	1800	ug/Kg	86				45	118	
Hexachlorocyclopentadiene	4200	0	3100	ug/Kg	74				10	127	
2,4,6-Trichlorophenol	2100	0	1900	ug/Kg	90				36	122	
2,4,5-Trichlorophenol	2100	0	1900	ug/Kg	90				33	125	
1,1-Biphenyl	2100	0	1700	ug/Kg	81				47	119	
2-Chloronaphthalene	2100	0	1600	ug/Kg	76				52	110	
2-Nitroaniline	2100	0	2200	ug/Kg	105				45	121	
Dimethylphthalate	2100	420	2200	ug/Kg	85				39	127	
Acenaphthylene	2100	0	1600	ug/Kg	76				45	117	
2,6-Dinitrotoluene	2100	0	1800	ug/Kg	86				50	114	
3-Nitroaniline	2100	0	850	ug/Kg	40				12	108	
Acenaphthene	2100	0	1800	ug/Kg	86				45	118	
2,4-Dinitrophenol	4200	0	2800	ug/Kg	67				10	126	
4-Nitrophenol	4200	0	4100	ug/Kg	98				18	141	
Dibenzofuran	2100	0	1800	ug/Kg	86				45	118	
2,4-Dinitrotoluene	2100	0	1900	ug/Kg	90				44	120	
Diethylphthalate	2100	0	1800	ug/Kg	86				50	113	
4-Chlorophenyl-phenylether	2100	0	1700	ug/Kg	81				51	111	
Fluorene	2100	0	1500	ug/Kg	71				41	121	
4-Nitroaniline	2100	0	1900	ug/Kg	90				38	113	
4,6-Dinitro-2-methylphenol	2100	0	1900	ug/Kg	90				10	142	
N-Nitrosodiphenylamine	2100	0	1600	ug/Kg	76				45	122	
4-Bromophenyl-phenylether	2100	0	1600	ug/Kg	76				51	114	
Hexachlorobenzene	2100	0	1600	ug/Kg	76				48	114	
Atrazine	2100	0	2100	ug/Kg	100				40	129	
Pentachlorophenol	4200	0	3200	ug/Kg	76				15	145	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec		RPD		Limits	
						Qual	RPD	Qual	Low	High	RPD
Phenanthrene	2100	0	1600	ug/Kg	76				29	138	
Anthracene	2100	0	1600	ug/Kg	76				45	120	
Carbazole	2100	0	1700	ug/Kg	81				43	122	
Di-n-butylphthalate	2100	0	1700	ug/Kg	81				51	115	
Fluoranthene	2100	0	1600	ug/Kg	76				33	133	
Pyrene	2100	0	1700	ug/Kg	81				31	135	
Butylbenzylphthalate	2100	0	1800	ug/Kg	86				49	121	
3,3-Dichlorobenzidine	2100	0	410	ug/Kg	20				10	105	
Benzo(a)anthracene	2100	0	1800	ug/Kg	86				35	132	
Chrysene	2100	0	1500	ug/Kg	71				34	131	
bis(2-Ethylhexyl)phthalate	2100	0	1600	ug/Kg	76				42	127	
Di-n-octyl phthalate	2100	0	1600	ug/Kg	76				50	123	
Benzo(b)fluoranthene	2100	0	1900	ug/Kg	90				35	128	
Benzo(k)fluoranthene	2100	0	1300	ug/Kg	62				39	117	
Benzo(a)pyrene	2100	0	1700	ug/Kg	81				35	129	
Indeno(1,2,3-cd)pyrene	2100	0	2100	ug/Kg	100				30	140	
Dibenz(a,h)anthracene	2100	0	2000	ug/Kg	95				18	147	
Benzo(g,h,i)perylene	2100	0	2000	ug/Kg	95				31	132	
1,2,4,5-Tetrachlorobenzene	2100	0	1700	ug/Kg	81				52	122	
1,4-Dioxane	2100	0	1500	ug/Kg	71				26	104	
2,3,4,6-Tetrachlorophenol	2100	0	2100	ug/Kg	100				52	109	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		RPD
									Low	High	
Lab Sample ID:	H2720-11MSD	Client Sample ID:	SS5MSD					DataFile:	BF086548.D		
Benzaldehyde	2100	0	370	ug/Kg	18		0		10	105	20
Phenol	2100	0	1700	ug/Kg	81		6		40	115	20
bis(2-Chloroethyl)ether	2100	0	1900	ug/Kg	90		5		48	110	20
2-Chlorophenol	2100	0	1800	ug/Kg	86		0		39	115	20
2-Methylphenol	2100	0	2000	ug/Kg	95		0		48	111	20
2,2-oxybis(1-Chloropropane)	2100	0	1800	ug/Kg	86		6		43	116	20
Acetophenone	2100	0	1900	ug/Kg	90		0		46	122	20
3+4-Methylphenols	2100	0	1900	ug/Kg	90		0		46	115	20
N-Nitroso-di-n-propylamine	2100	0	2000	ug/Kg	95		5		37	128	20
Hexachloroethane	2100	0	1600	ug/Kg	76		0		37	117	20
Nitrobenzene	2100	0	1900	ug/Kg	90		0		45	117	20
Isophorone	2100	0	1800	ug/Kg	86		0		44	121	20
2-Nitrophenol	2100	0	2000	ug/Kg	95		5		32	123	20
2,4-Dimethylphenol	2100	0	1900	ug/Kg	90		5		45	118	20
bis(2-Chloroethoxy)methane	2100	0	2100	ug/Kg	100		5		47	117	20
2,4-Dichlorophenol	2100	0	2000	ug/Kg	95		0		37	122	20
Naphthalene	2100	0	1800	ug/Kg	86		6		42	121	20
4-Chloroaniline	2100	0	500	ug/Kg	24		18		10	130	20
Hexachlorobutadiene	2100	0	1600	ug/Kg	76		7		49	111	20
Caprolactam	2100	0	2000	ug/Kg	95		0		26	133	20
4-Chloro-3-methylphenol	2100	0	2100	ug/Kg	100		5		46	115	20
2-Methylnaphthalene	2100	0	1800	ug/Kg	86		0		45	118	20
Hexachlorocyclopentadiene	4200	0	3100	ug/Kg	74		0		10	127	20
2,4,6-Trichlorophenol	2100	0	1900	ug/Kg	90		0		36	122	20
2,4,5-Trichlorophenol	2100	0	1900	ug/Kg	90		0		33	125	20
1,1-Biphenyl	2100	0	1600	ug/Kg	76		6		47	119	20
2-Chloronaphthalene	2100	0	1700	ug/Kg	81		6		52	110	20
2-Nitroaniline	2100	0	2300	ug/Kg	110		5		45	121	20
Dimethylphthalate	2100	420	2000	ug/Kg	75		13		39	127	20
Acenaphthylene	2100	0	1700	ug/Kg	81		6		45	117	20
2,6-Dinitrotoluene	2100	0	1800	ug/Kg	86		0		50	114	20
3-Nitroaniline	2100	0	1000	ug/Kg	48		18		12	108	20
Acenaphthene	2100	0	1700	ug/Kg	81		6		45	118	20
2,4-Dinitrophenol	4200	0	2000	ug/Kg	48		33	*	10	126	20
4-Nitrophenol	4200	0	4000	ug/Kg	95		3		18	141	20
Dibenzofuran	2100	0	1800	ug/Kg	86		0		45	118	20
2,4-Dinitrotoluene	2100	0	2000	ug/Kg	95		5		44	120	20
Diethylphthalate	2100	0	1800	ug/Kg	86		0		50	113	20
4-Chlorophenyl-phenylether	2100	0	1700	ug/Kg	81		0		51	111	20
Fluorene	2100	0	1500	ug/Kg	71		0		41	121	20
4-Nitroaniline	2100	0	2000	ug/Kg	95		5		38	113	20
4,6-Dinitro-2-methylphenol	2100	0	1800	ug/Kg	86		5		10	142	20
N-Nitrosodiphenylamine	2100	0	1700	ug/Kg	81		6		45	122	20
4-Bromophenyl-phenylether	2100	0	1700	ug/Kg	81		6		51	114	20
Hexachlorobenzene	2100	0	1600	ug/Kg	76		0		48	114	20
Atrazine	2100	0	2100	ug/Kg	100		0		40	129	20
Pentachlorophenol	4200	0	3200	ug/Kg	76		0		15	145	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec		RPD		Limits	
						Qual	RPD	Qual	Low	High	RPD
Phenanthrene	2100	0	1700	ug/Kg	81		6		29	138	20
Anthracene	2100	0	1700	ug/Kg	81		6		45	120	20
Carbazole	2100	0	1800	ug/Kg	86		6		43	122	20
Di-n-butylphthalate	2100	0	1800	ug/Kg	86		6		51	115	20
Fluoranthene	2100	0	1700	ug/Kg	81		6		33	133	20
Pyrene	2100	0	1700	ug/Kg	81		0		31	135	20
Butylbenzylphthalate	2100	0	1900	ug/Kg	90		5		49	121	20
3,3-Dichlorobenzidine	2100	0	470	ug/Kg	22		10		10	105	20
Benzo(a)anthracene	2100	0	1800	ug/Kg	86		0		35	132	20
Chrysene	2100	0	1600	ug/Kg	76		7		34	131	20
bis(2-Ethylhexyl)phthalate	2100	0	1600	ug/Kg	76		0		42	127	20
Di-n-octyl phthalate	2100	0	1700	ug/Kg	81		6		50	123	20
Benzo(b)fluoranthene	2100	0	2000	ug/Kg	95		5		35	128	20
Benzo(k)fluoranthene	2100	0	1400	ug/Kg	67		8		39	117	20
Benzo(a)pyrene	2100	0	1800	ug/Kg	86		6		35	129	20
Indeno(1,2,3-cd)pyrene	2100	0	2200	ug/Kg	105		5		30	140	20
Dibenz(a,h)anthracene	2100	0	2000	ug/Kg	95		0		18	147	20
Benzo(g,h,i)perylene	2100	0	2000	ug/Kg	95		0		31	132	20
1,2,4,5-Tetrachlorobenzene	2100	0	1600	ug/Kg	76		6		52	122	20
1,4-Dioxane	2100	0	1600	ug/Kg	76		7		26	104	20
2,3,4,6-Tetrachlorophenol	2100	0	2200	ug/Kg	105		5		52	109	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: 8270D DataFile: BF086533.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB90161BS	Benzaldehyde	1700	200	ug/Kg	12				10	95		
	Phenol	1700	1200	ug/Kg	71				51	101		
	bis(2-Chloroethyl)ether	1700	1100	ug/Kg	65				55	99		
	2-Chlorophenol	1700	1100	ug/Kg	65				53	100		
	2-Methylphenol	1700	1200	ug/Kg	71				49	105		
	2,2-oxybis(1-Chloropropane)	1700	1000	ug/Kg	59				52	104		
	Acetophenone	1700	1100	ug/Kg	65				50	111		
	3+4-Methylphenols	1700	1200	ug/Kg	71				52	102		
	N-Nitroso-di-n-propylamine	1700	1100	ug/Kg	65				51	104		
	Hexachloroethane	1700	1000	ug/Kg	59				54	97		
	Nitrobenzene	1700	1100	ug/Kg	65				51	104		
	Isophorone	1700	1100	ug/Kg	65				55	101		
	2-Nitrophenol	1700	1100	ug/Kg	65				52	105		
	2,4-Dimethylphenol	1700	1100	ug/Kg	65				53	103		
	bis(2-Chloroethoxy)methane	1700	1200	ug/Kg	71				55	101		
	2,4-Dichlorophenol	1700	1200	ug/Kg	71				54	103		
	Naphthalene	1700	1100	ug/Kg	65				53	103		
	4-Chloroaniline	1700	290	ug/Kg	17				10	130		
	Hexachlorobutadiene	1700	1000	ug/Kg	59				50	106		
	Caprolactam	1700	1200	ug/Kg	71				49	106		
	4-Chloro-3-methylphenol	1700	1100	ug/Kg	65				55	101		
	2-Methylnaphthalene	1700	1100	ug/Kg	65				55	102		
	Hexachlorocyclopentadiene	3300	2100	ug/Kg	64				38	122		
	2,4,6-Trichlorophenol	1700	1200	ug/Kg	71				56	103		
	2,4,5-Trichlorophenol	1700	1100	ug/Kg	65				56	103		
	1,1-Biphenyl	1700	1100	ug/Kg	65				56	107		
	2-Chloronaphthalene	1700	1100	ug/Kg	65				56	102		
	2-Nitroaniline	1700	1300	ug/Kg	76				54	103		
	Dimethylphthalate	1700	1100	ug/Kg	65				61	111		
	Acenaphthylene	1700	1100	ug/Kg	65				57	101		
	2,6-Dinitrotoluene	1700	1200	ug/Kg	71				59	100		
	3-Nitroaniline	1700	440	ug/Kg	26				10	130		
	Acenaphthene	1700	1200	ug/Kg	71				57	102		
	2,4-Dinitrophenol	3300	2100	ug/Kg	64				32	114		
	4-Nitrophenol	3300	2300	ug/Kg	70				48	114		
	Dibenzofuran	1700	1200	ug/Kg	71				57	100		
	2,4-Dinitrotoluene	1700	1200	ug/Kg	71				58	102		
	Diethylphthalate	1700	1200	ug/Kg	71				56	101		
	4-Chlorophenyl-phenylether	1700	1100	ug/Kg	65				57	101		
	Fluorene	1700	1000	ug/Kg	59				57	101		
	4-Nitroaniline	1700	1100	ug/Kg	65				49	99		
	4,6-Dinitro-2-methylphenol	1700	1100	ug/Kg	65				44	119		
	N-Nitrosodiphenylamine	1700	1100	ug/Kg	65				57	103		
	4-Bromophenyl-phenylether	1700	1100	ug/Kg	65				57	105		
	Hexachlorobenzene	1700	1100	ug/Kg	65				54	106		
	Atrazine	1700	1200	ug/Kg	71				50	113		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: 8270D DataFile: BF086533.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB90161BS	Pentachlorophenol	3300	2000	ug/Kg	61				49	116		
	Phenanthrene	1700	1100	ug/Kg	65				58	101		
	Anthracene	1700	1100	ug/Kg	65				57	102		
	Carbazole	1700	1100	ug/Kg	65				57	102		
	Di-n-butylphthalate	1700	1100	ug/Kg	65				57	103		
	Fluoranthene	1700	1100	ug/Kg	65				56	102		
	Pyrene	1700	1000	ug/Kg	59				56	106		
	Butylbenzylphthalate	1700	1000	ug/Kg	59				57	106		
	3,3-Dichlorobenzidine	1700	280	ug/Kg	16				10	92		
	Benzo(a)anthracene	1700	1100	ug/Kg	65				56	103		
	Chrysene	1700	1000	ug/Kg	59				58	102		
	bis(2-Ethylhexyl)phthalate	1700	980	ug/Kg	58				57	106		
	Di-n-octyl phthalate	1700	1000	ug/Kg	59				56	107		
	Benzo(b)fluoranthene	1700	1300	ug/Kg	76				56	103		
	Benzo(k)fluoranthene	1700	970	ug/Kg	57				55	102		
	Benzo(a)pyrene	1700	1100	ug/Kg	65				57	103		
	Indeno(1,2,3-cd)pyrene	1700	1100	ug/Kg	65				50	113		
	Dibenz(a,h)anthracene	1700	1200	ug/Kg	71				52	119		
	Benzo(g,h,i)perylene	1700	1200	ug/Kg	71				56	105		
	1,2,4,5-Tetrachlorobenzene	1700	1000	ug/Kg	59				33	136		
	1,4-Dioxane	1700	980	ug/Kg	58				15	117		
	2,3,4,6-Tetrachlorophenol	1700	1300	ug/Kg	76				47	120		

4B
SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB90161BL

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2720

SAS No.: H2720 SDG NO.: H2720

Lab File ID: BF086521.D

Lab Sample ID: PB90161BL

Instrument ID: BNA_F

Date Extracted: 04/28/2016

Matrix: (soil/water) SOIL

Date Analyzed: 04/30/2016

Level: (low/med) LOW

Time Analyzed: 14:02

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB90161BS	PB90161BS	BF086533.D	04/30/2016
TP-13D24	H2720-19	BF086543.D	05/01/2016
DUP	H2720-14	BF086723.D	05/05/2016
TP-6D02	H2720-15	BF086724.D	05/06/2016
TP-18D24	H2720-21	BF086725.D	05/06/2016
SS1	H2720-05	BF086757.D	05/07/2016
SS2	H2720-06	BF086804.D	05/08/2016
TP-14D02	H2720-20	BF086803.D	05/08/2016
SS3	H2720-07	BF086807.D	05/08/2016
SS4	H2720-08	BF086808.D	05/08/2016
SS6	H2720-12	BF086809.D	05/08/2016
SS7	H2720-13	BF086814.D	05/08/2016
SS5	H2720-09	BF086546.D	05/01/2016
SS5MS	H2720-10MS	BF086547.D	05/01/2016
TP-8D46	H2720-16	BF086540.D	05/01/2016
TP-10D46	H2720-17	BF086541.D	05/01/2016
TP-11D24	H2720-18	BF086542.D	05/01/2016
SS5MSD	H2720-11MSD	BF086548.D	05/01/2016

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2720 SDG NO.: H2720

Lab File ID: BF086413.D

DFTPP Injection Date: 04/27/2016

Instrument ID: BNA_F

DFTPP Injection Time: 09:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	60
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	42.8
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	53.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	23.3
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	89.9
443	15.0 - 24.0% of mass 442	16.9 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC02.5	SSTDICC02.5	BF086414.D	04/27/2016	10:28
SSTDICC010	SSTDICC010	BF086415.D	04/27/2016	10:56
SSTDICC025	SSTDICC025	BF086416.D	04/27/2016	11:25
SSTDICCC040	SSTDICCC040	BF086417.D	04/27/2016	11:53
SSTDICC050	SSTDICC050	BF086418.D	04/27/2016	12:22
SSTDICC060	SSTDICC060	BF086419.D	04/27/2016	12:50
SSTDICC080	SSTDICC080	BF086420.D	04/27/2016	13:19

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2720 SDG NO.: H2720

Lab File ID: BF086512.D

DFTPP Injection Date: 04/30/2016

Instrument ID: BNA_F

DFTPP Injection Time: 09:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	60.4
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	44.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	53.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	23.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	87
443	15.0 - 24.0% of mass 442	16.2 (18.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF086513.D	04/30/2016	09:48
PB90161BL	PB90161BL	BF086521.D	04/30/2016	14:02
PB90161BS	PB90161BS	BF086533.D	04/30/2016	19:43

5B

**SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)**

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2720 SDG NO.: H2720

Lab File ID: BF086537.D

DFTPP Injection Date: 04/30/2016

Instrument ID: BNA_F

DFTPP Injection Time: 21:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	53.9
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	39.3
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	51
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	24.9
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	81.6
443	15.0 - 24.0% of mass 442	14.7 (18) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF086538.D	04/30/2016	23:03
TP-8D46	H2720-16	BF086540.D	05/01/2016	00:00
TP-10D46	H2720-17	BF086541.D	05/01/2016	00:29
TP-11D24	H2720-18	BF086542.D	05/01/2016	00:57
TP-13D24	H2720-19	BF086543.D	05/01/2016	01:26
SS5	H2720-09	BF086546.D	05/01/2016	02:51
SS5MS	H2720-10MS	BF086547.D	05/01/2016	03:20
SS5MSD	H2720-11MSD	BF086548.D	05/01/2016	03:48

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2720 SDG NO.: H2720

Lab File ID: BF086667.D

DFTPP Injection Date: 05/04/2016

Instrument ID: BNA_F

DFTPP Injection Time: 10:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	56.3
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	40.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.4
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.6
442	Greater than 50% of mass 198	89.7
443	15.0 - 24.0% of mass 442	17.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC02.5	SSTDICC02.5	BF086669.D	05/04/2016	11:20
SSTDICC010	SSTDICC010	BF086670.D	05/04/2016	11:48
SSTDICC025	SSTDICC025	BF086671.D	05/04/2016	12:17
SSTDICCC040	SSTDICCC040	BF086672.D	05/04/2016	12:45
SSTDICC050	SSTDICC050	BF086673.D	05/04/2016	13:14
SSTDICC060	SSTDICC060	BF086674.D	05/04/2016	13:42
SSTDICC080	SSTDICC080	BF086675.D	05/04/2016	14:11

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2720 SDG NO.: H2720

Lab File ID: BF086706.D

DFTPP Injection Date: 05/05/2016

Instrument ID: BNA_F

DFTPP Injection Time: 13:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	59.9
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	42.3
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	52
197	Less than 2.0% of mass 198	0.8
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	26.1
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	92.3
443	15.0 - 24.0% of mass 442	17.4 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF086707.D	05/05/2016	14:04
DUP	H2720-14	BF086723.D	05/05/2016	23:41
TP-6D02	H2720-15	BF086724.D	05/06/2016	00:09
TP-18D24	H2720-21	BF086725.D	05/06/2016	00:38

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2720 SDG NO.: H2720

Lab File ID: BF086751.D

DFTPP Injection Date: 05/07/2016

Instrument ID: BNA_F

DFTPP Injection Time: 04:13

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	61.9
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	43.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	52.4
197	Less than 2.0% of mass 198	0.9
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	26.5
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	92.5
443	15.0 - 24.0% of mass 442	17.3 (18.7) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF086752.D	05/07/2016	04:42
SS1	H2720-05	BF086757.D	05/07/2016	07:05

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2720 SDG NO.: H2720

Lab File ID: BF086798.D

DFTPP Injection Date: 05/08/2016

Instrument ID: BNA_F

DFTPP Injection Time: 02:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	67.9
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	47.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	54.1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	25.5
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.8
442	Greater than 50% of mass 198	92.1
443	15.0 - 24.0% of mass 442	16.6 (18.1) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF086799.D	05/08/2016	03:20
TP-14D02	H2720-20	BF086803.D	05/08/2016	05:15
SS2	H2720-06	BF086804.D	05/08/2016	05:44
SS3	H2720-07	BF086807.D	05/08/2016	07:11
SS4	H2720-08	BF086808.D	05/08/2016	07:40
SS6	H2720-12	BF086809.D	05/08/2016	08:09
SS7	H2720-13	BF086814.D	05/08/2016	10:34

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2016
 Lab File ID: BF086513.D Time Analyzed: 09:48
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	162789	6.77	689073	8.05	343146	9.81
UPPER LIMIT	325578	7.27	1378150	8.55	686292	10.31
LOWER LIMIT	81394.5	6.27	344537	7.55	171573	9.31
EPA SAMPLE NO.						
01 PB90161BL	124761	6.76	569112	8.05	281598	9.8
02 PB90161BS	133504	6.76	589455	8.05	284978	9.8

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2016

Lab File ID: BF086513.D Time Analyzed: 09:48

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	620798	11.29	421434	13.92	356119	15.31
UPPER LIMIT	1241600	11.79	842868	14.42	712238	15.81
LOWER LIMIT	310399	10.79	210717	13.42	178060	14.81
EPA SAMPLE NO.						
01 PB90161BL	546624	11.29	489222	13.92	377504	15.31
02 PB90161BS	554543	11.29	444108	13.92	348300	15.31

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2016
 Lab File ID: BF086538.D Time Analyzed: 23:03
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	156386	6.77	660013	8.05	318488	9.80
UPPER LIMIT	312772	7.27	1320030	8.55	636976	10.3
LOWER LIMIT	78193	6.27	330007	7.55	159244	9.3
EPA SAMPLE NO.						
01 SS5	131248	6.76	571785	8.05	288954	9.8
02 SS5MS	137080	6.76	596365	8.05	284411	9.8
03 SS5MSD	140881	6.76	610462	8.05	295728	9.8
04 TP-8D46	132758	6.76	595575	8.05	294234	9.8
05 TP-10D46	125241	6.76	550353	8.05	276132	9.8
06 TP-11D24	137405	6.76	592935	8.05	297647	9.8
07 TP-13D24	129317	6.76	561537	8.05	283023	9.8

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2016

Lab File ID: BF086538.D Time Analyzed: 23:03

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	602099	11.29	429547	13.92	356205	15.31
	UPPER LIMIT	1204200	11.79	859094	14.42	712410	15.81
	LOWER LIMIT	301050	10.79	214774	13.42	178103	14.81
	EPA SAMPLE NO.						
01	SS5	537440	11.28	428173	13.91	324115	15.30
02	SS5MS	563829	11.29	386468	13.92	325455	15.31
03	SS5MSD	567401	11.29	388862	13.92	337125	15.31
04	TP-8D46	549750	11.28	449635	13.91	329635	15.30
05	TP-10D46	522709	11.28	441181	13.90	339874	15.30
06	TP-11D24	564245	11.28	455207	13.91	340957	15.30
07	TP-13D24	531701	11.28	431179	13.91	325035	15.30

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 EPA Sample No.: SSTDCCC040 Date Analyzed: 05/05/2016
 Lab File ID: BF086707.D Time Analyzed: 14:04
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	179233	6.73	736416	8.02	351328	9.77
UPPER LIMIT	358466	7.23	1472830	8.52	702656	10.27
LOWER LIMIT	89616.5	6.23	368208	7.52	175664	9.27
EPA SAMPLE NO.						
01 DUP	163535	6.73	618190	8.02	276908	9.77
02 TP-6D02	163761	6.73	612538	8.02	272250	9.77
03 TP-18D24	175784	6.73	657105	8.02	295083	9.77

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/05/2016

Lab File ID: BF086707.D Time Analyzed: 14:04

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	610179	11.24	495096	13.88	407184	15.27
UPPER LIMIT	1220360	11.74	990192	14.38	814368	15.77
LOWER LIMIT	305090	10.74	247548	13.38	203592	14.77
EPA SAMPLE NO.						
01 DUP	392772	11.24	311579	13.87	267503	15.27
02 TP-6D02	390717	11.24	307544	13.87	271938	15.27
03 TP-18D24	425725	11.24	337430	13.87	289790	15.27

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 EPA Sample No.: SSTDCCC040 Date Analyzed: 05/07/2016
 Lab File ID: BF086752.D Time Analyzed: 04:42
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	208650	6.7	872109	8.00	389335	9.74
UPPER LIMIT	417300	7.2	1744220	8.5	778670	10.24
LOWER LIMIT	104325	6.2	436055	7.5	194668	9.24
EPA SAMPLE NO.						
01 SS1	188464	6.70	761501	7.98	365607	9.73

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/07/2016

Lab File ID: BF086752.D Time Analyzed: 04:42

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	671309	11.22	449923	13.86	393584	15.23
UPPER LIMIT	1342620	11.72	899846	14.36	787168	15.73
LOWER LIMIT	335655	10.72	224962	13.36	196792	14.73
EPA SAMPLE NO.						
01 SS1	665882	11.22	469293	13.85	344580	15.22

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 EPA Sample No.: SSTDCCC040 Date Analyzed: 05/08/2016
 Lab File ID: BF086799.D Time Analyzed: 03:20
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	246878	6.7	1022230	8.00	464449	9.74
UPPER LIMIT	493756	7.2	2044460	8.5	928898	10.24
LOWER LIMIT	123439	6.2	511115	7.5	232225	9.24
EPA SAMPLE NO.						
01 SS2	183786	6.70	727830	7.98	337384	9.73
02 SS3	191915	6.70	709439	7.98	304437	9.73
03 SS4	197159	6.70	724983	7.98	307656	9.73
04 SS6	190875	6.70	716480	7.98	311112	9.73
05 SS7	190670	6.70	689742	7.98	286951	9.73
06 TP-14D02	200040	6.70	787674	7.98	361848	9.73

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/08/2016

Lab File ID: BF086799.D Time Analyzed: 03:20

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	812387	11.22	487948	13.86	481275	15.23
UPPER LIMIT	1624770	11.72	975896	14.36	962550	15.73
LOWER LIMIT	406194	10.72	243974	13.36	240638	14.73
EPA SAMPLE NO.						
01 SS2	594188	11.22	391701	13.85	331387	15.22
02 SS3	531930	11.22	325065	13.85	331024	15.23
03 SS4	528189	11.22	341638	13.85	335179	15.23
04 SS6	547645	11.22	354988	13.85	324478	15.23
05 SS7	488016	11.22	363866	13.85	320326	15.22
06 TP-14D02	652577	11.22	418303	13.85	358982	15.23

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90161BL	SDG No.:	H2720
Lab Sample ID:	PB90161BL	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086521.D	1	04/28/16 10:31	04/30/16 14:02	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	330	U	17.4	33.3	330	ug/Kg
108-95-2	Phenol	330	U	7.7	33.3	330	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	330	U	16	33.3	330	ug/Kg
95-57-8	2-Chlorophenol	330	U	17.6	33.3	330	ug/Kg
95-48-7	2-Methylphenol	330	U	18.1	33.3	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	330	U	13.8	33.3	330	ug/Kg
98-86-2	Acetophenone	330	U	10.2	33.3	330	ug/Kg
65794-96-9	3+4-Methylphenols	330	U	17.3	33.3	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	330	U	16.8	33.3	330	ug/Kg
67-72-1	Hexachloroethane	330	U	14.9	33.3	330	ug/Kg
98-95-3	Nitrobenzene	330	U	12.6	33.3	330	ug/Kg
78-59-1	Isophorone	330	U	11	33.3	330	ug/Kg
88-75-5	2-Nitrophenol	330	U	16.1	33.3	330	ug/Kg
105-67-9	2,4-Dimethylphenol	330	U	18.9	33.3	330	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	330	U	19.2	33.3	330	ug/Kg
120-83-2	2,4-Dichlorophenol	330	U	12.7	33.3	330	ug/Kg
91-20-3	Naphthalene	330	U	11.5	33.3	330	ug/Kg
106-47-8	4-Chloroaniline	330	U	23.5	33.3	330	ug/Kg
87-68-3	Hexachlorobutadiene	330	U	12.1	33.3	330	ug/Kg
105-60-2	Caprolactam	330	U	15.5	66.7	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	330	U	14.8	33.3	330	ug/Kg
91-57-6	2-Methylnaphthalene	330	U	8.4	33.3	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	330	U	8.1	33.3	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	330	U	10.2	33.3	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	330	U	23.4	33.3	330	ug/Kg
92-52-4	1,1-Biphenyl	330	U	12.6	33.3	330	ug/Kg
91-58-7	2-Chloronaphthalene	330	U	7.6	33.3	330	ug/Kg
88-74-4	2-Nitroaniline	330	U	14.8	33.3	330	ug/Kg
131-11-3	Dimethylphthalate	330	U	9	33.3	330	ug/Kg
208-96-8	Acenaphthylene	330	U	8.4	33.3	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	330	U	13.6	33.3	330	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90161BL	SDG No.:	H2720
Lab Sample ID:	PB90161BL	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086521.D	1	04/28/16 10:31	04/30/16 14:02	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	330	U	21.4	66.7	330	ug/Kg
83-32-9	Acenaphthene	330	U	9.4	33.3	330	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	33.9	270	330	ug/Kg
100-02-7	4-Nitrophenol	330	U	61.9	170	330	ug/Kg
132-64-9	Dibenzofuran	330	U	13	33.3	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	330	U	10	33.3	330	ug/Kg
84-66-2	Diethylphthalate	330	U	5.2	33.3	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	330	U	18.1	33.3	330	ug/Kg
86-73-7	Fluorene	330	U	12.6	33.3	330	ug/Kg
100-01-6	4-Nitroaniline	330	U	43.4	66.7	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	330	U	19.1	170	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	330	U	8	33.3	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	330	U	6.5	33.3	330	ug/Kg
118-74-1	Hexachlorobenzene	330	U	13.6	33.3	330	ug/Kg
1912-24-9	Atrazine	330	U	17.6	33.3	330	ug/Kg
87-86-5	Pentachlorophenol	330	U	22.8	33.3	330	ug/Kg
85-01-8	Phenanthrene	330	U	9	33.3	330	ug/Kg
120-12-7	Anthracene	330	U	6.8	33.3	330	ug/Kg
86-74-8	Carbazole	330	U	7.3	33.3	330	ug/Kg
84-74-2	Di-n-butylphthalate	330	U	26.2	33.3	330	ug/Kg
206-44-0	Fluoranthene	330	U	6.7	33.3	330	ug/Kg
129-00-0	Pyrene	330	U	8	33.3	330	ug/Kg
85-68-7	Butylbenzylphthalate	330	U	16	33.3	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	21.4	33.3	330	ug/Kg
56-55-3	Benzo(a)anthracene	330	U	15.9	33.3	330	ug/Kg
218-01-9	Chrysene	330	U	15.1	33.3	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	330	U	11.8	33.3	330	ug/Kg
117-84-0	Di-n-octyl phthalate	330	U	3.8	33.3	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	330	U	10.9	33.3	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	330	U	15.7	33.3	330	ug/Kg
50-32-8	Benzo(a)pyrene	330	U	7.2	33.3	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330	U	11.1	33.3	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	330	U	9.6	33.3	330	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90161BL	SDG No.:	H2720
Lab Sample ID:	PB90161BL	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086521.D	1	04/28/16 10:31	04/30/16 14:02	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	330	U	13.5	33.3	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	330	U	13.1	33.3	330	ug/Kg
123-91-1	1,4-Dioxane	330	U	13.1	66.7	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	330	U	13.1	33.3	330	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120		28 - 127		81%	SPK: 150
13127-88-3	Phenol-d6	130		34 - 127		84%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.1		31 - 132		73%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.6		39 - 123		72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	98.7		30 - 133		66%	SPK: 150
1718-51-0	Terphenyl-d14	57.8		37 - 115		58%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124761	6.76				
1146-65-2	Naphthalene-d8	569112	8.05				
15067-26-2	Acenaphthene-d10	281598	9.8				
1517-22-2	Phenanthrene-d10	546624	11.29				
1719-03-5	Chrysene-d12	489222	13.92				
1520-96-3	Perylene-d12	377504	15.31				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			4.94	ug/Kg
	unknown6.53	2800	J			6.53	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90161BS	SDG No.:	H2720
Lab Sample ID:	PB90161BS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086533.D	1	04/28/16 10:31	04/30/16 19:43	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	200	J	17.4	33.3	330	ug/Kg
108-95-2	Phenol	1200		7.7	33.3	330	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1100		16	33.3	330	ug/Kg
95-57-8	2-Chlorophenol	1100		17.6	33.3	330	ug/Kg
95-48-7	2-Methylphenol	1200		18.1	33.3	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		13.8	33.3	330	ug/Kg
98-86-2	Acetophenone	1100		10.2	33.3	330	ug/Kg
65794-96-9	3+4-Methylphenols	1200		17.3	33.3	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1100		16.8	33.3	330	ug/Kg
67-72-1	Hexachloroethane	1000		14.9	33.3	330	ug/Kg
98-95-3	Nitrobenzene	1100		12.6	33.3	330	ug/Kg
78-59-1	Isophorone	1100		11	33.3	330	ug/Kg
88-75-5	2-Nitrophenol	1100		16.1	33.3	330	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		18.9	33.3	330	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1200		19.2	33.3	330	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		12.7	33.3	330	ug/Kg
91-20-3	Naphthalene	1100		11.5	33.3	330	ug/Kg
106-47-8	4-Chloroaniline	290	J	23.5	33.3	330	ug/Kg
87-68-3	Hexachlorobutadiene	1000		12.1	33.3	330	ug/Kg
105-60-2	Caprolactam	1200		15.5	66.6	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		14.8	33.3	330	ug/Kg
91-57-6	2-Methylnaphthalene	1100		8.4	33.3	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2100		8.1	33.3	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		10.2	33.3	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		23.4	33.3	330	ug/Kg
92-52-4	1,1-Biphenyl	1100		12.6	33.3	330	ug/Kg
91-58-7	2-Chloronaphthalene	1100		7.6	33.3	330	ug/Kg
88-74-4	2-Nitroaniline	1300		14.8	33.3	330	ug/Kg
131-11-3	Dimethylphthalate	1100		9	33.3	330	ug/Kg
208-96-8	Acenaphthylene	1100		8.4	33.3	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		13.6	33.3	330	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90161BS	SDG No.:	H2720
Lab Sample ID:	PB90161BS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086533.D	1	04/28/16 10:31	04/30/16 19:43	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	440		21.4	66.6	330	ug/Kg
83-32-9	Acenaphthene	1200		9.4	33.3	330	ug/Kg
51-28-5	2,4-Dinitrophenol	2100		33.9	270	330	ug/Kg
100-02-7	4-Nitrophenol	2300		61.9	170	330	ug/Kg
132-64-9	Dibenzofuran	1200		13	33.3	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	1200		10	33.3	330	ug/Kg
84-66-2	Diethylphthalate	1200		5.2	33.3	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		18.1	33.3	330	ug/Kg
86-73-7	Fluorene	1000		12.6	33.3	330	ug/Kg
100-01-6	4-Nitroaniline	1100		43.4	66.6	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		19.1	170	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1100		8	33.3	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		6.5	33.3	330	ug/Kg
118-74-1	Hexachlorobenzene	1100		13.6	33.3	330	ug/Kg
1912-24-9	Atrazine	1200		17.6	33.3	330	ug/Kg
87-86-5	Pentachlorophenol	2000		22.8	33.3	330	ug/Kg
85-01-8	Phenanthrene	1100		9	33.3	330	ug/Kg
120-12-7	Anthracene	1100		6.8	33.3	330	ug/Kg
86-74-8	Carbazole	1100		7.3	33.3	330	ug/Kg
84-74-2	Di-n-butylphthalate	1100		26.2	33.3	330	ug/Kg
206-44-0	Fluoranthene	1100		6.7	33.3	330	ug/Kg
129-00-0	Pyrene	1000		8	33.3	330	ug/Kg
85-68-7	Butylbenzylphthalate	1000		16	33.3	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	280	J	21.4	33.3	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		15.9	33.3	330	ug/Kg
218-01-9	Chrysene	1000		15.1	33.3	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	980		11.8	33.3	330	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		3.8	33.3	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		10.9	33.3	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	970		15.7	33.3	330	ug/Kg
50-32-8	Benzo(a)pyrene	1100		7.2	33.3	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		11.1	33.3	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		9.6	33.3	330	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90161BS	SDG No.:	H2720
Lab Sample ID:	PB90161BS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086533.D	1	04/28/16 10:31	04/30/16 19:43	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	1200		13.5	33.3	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		13.1	33.3	330	ug/Kg
123-91-1	1,4-Dioxane	980		13.1	66.6	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		13.1	33.3	330	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	120		28 - 127		77%	SPK: 150
13127-88-3	Phenol-d6	100		34 - 127		68%	SPK: 150
4165-60-0	Nitrobenzene-d5	65.8		31 - 132		66%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.9		39 - 123		72%	SPK: 100
118-79-6	2,4,6-Tribromophenol	100		30 - 133		67%	SPK: 150
1718-51-0	Terphenyl-d14	59.2		37 - 115		59%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133504	6.76				
1146-65-2	Naphthalene-d8	589455	8.05				
15067-26-2	Acenaphthene-d10	284978	9.8				
1517-22-2	Phenanthrene-d10	554543	11.29				
1719-03-5	Chrysene-d12	444108	13.92				
1520-96-3	Perylene-d12	348300	15.31				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MS	SDG No.:	H2720
Lab Sample ID:	H2720-10MS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086547.D	1	04/28/16 10:31	05/01/16 03:20	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	380	J	22.1	42.3	420	ug/Kg
108-95-2	Phenol	1600		9.8	42.3	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800		20.3	42.3	420	ug/Kg
95-57-8	2-Chlorophenol	1800		22.3	42.3	420	ug/Kg
95-48-7	2-Methylphenol	2000		23	42.3	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		17.5	42.3	420	ug/Kg
98-86-2	Acetophenone	1900		12.9	42.3	420	ug/Kg
65794-96-9	3+4-Methylphenols	1900		22	42.3	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1900		21.3	42.3	420	ug/Kg
67-72-1	Hexachloroethane	1600		18.9	42.3	420	ug/Kg
98-95-3	Nitrobenzene	1900		16	42.3	420	ug/Kg
78-59-1	Isophorone	1800		14	42.3	420	ug/Kg
88-75-5	2-Nitrophenol	1900		20.4	42.3	420	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		24	42.3	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000		24.4	42.3	420	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		16.1	42.3	420	ug/Kg
91-20-3	Naphthalene	1700		14.6	42.3	420	ug/Kg
106-47-8	4-Chloroaniline	410	J	29.8	42.3	420	ug/Kg
87-68-3	Hexachlorobutadiene	1500		15.4	42.3	420	ug/Kg
105-60-2	Caprolactam	2000		19.7	84.6	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2000		18.8	42.3	420	ug/Kg
91-57-6	2-Methylnaphthalene	1800		10.7	42.3	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100		10.3	42.3	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		12.9	42.3	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		29.7	42.3	420	ug/Kg
92-52-4	1,1-Biphenyl	1700		16	42.3	420	ug/Kg
91-58-7	2-Chloronaphthalene	1600		9.6	42.3	420	ug/Kg
88-74-4	2-Nitroaniline	2200		18.8	42.3	420	ug/Kg
131-11-3	Dimethylphthalate	2200		11.4	42.3	420	ug/Kg
208-96-8	Acenaphthylene	1600		10.7	42.3	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		17.3	42.3	420	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MS	SDG No.:	H2720
Lab Sample ID:	H2720-10MS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086547.D	1	04/28/16 10:31	05/01/16 03:20	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	850		27.2	84.6	420	ug/Kg
83-32-9	Acenaphthene	1800		11.9	42.3	420	ug/Kg
51-28-5	2,4-Dinitrophenol	2800		43	340	420	ug/Kg
100-02-7	4-Nitrophenol	4100	E	78.5	210	420	ug/Kg
132-64-9	Dibenzofuran	1800		16.5	42.3	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		12.7	42.3	420	ug/Kg
84-66-2	Diethylphthalate	1800		6.6	42.3	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		23	42.3	420	ug/Kg
86-73-7	Fluorene	1500		16	42.3	420	ug/Kg
100-01-6	4-Nitroaniline	1900		55.1	84.6	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		24.2	210	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1600		10.2	42.3	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		8.2	42.3	420	ug/Kg
118-74-1	Hexachlorobenzene	1600		17.3	42.3	420	ug/Kg
1912-24-9	Atrazine	2100		22.3	42.3	420	ug/Kg
87-86-5	Pentachlorophenol	3200		28.9	42.3	420	ug/Kg
85-01-8	Phenanthrene	1600		11.4	42.3	420	ug/Kg
120-12-7	Anthracene	1600		8.6	42.3	420	ug/Kg
86-74-8	Carbazole	1700		9.3	42.3	420	ug/Kg
84-74-2	Di-n-butylphthalate	1700		33.2	42.3	420	ug/Kg
206-44-0	Fluoranthene	1600		8.5	42.3	420	ug/Kg
129-00-0	Pyrene	1700		10.2	42.3	420	ug/Kg
85-68-7	Butylbenzylphthalate	1800		20.3	42.3	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	410	J	27.2	42.3	420	ug/Kg
56-55-3	Benzo(a)anthracene	1800		20.2	42.3	420	ug/Kg
218-01-9	Chrysene	1500		19.2	42.3	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		15	42.3	420	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		4.8	42.3	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		13.8	42.3	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		19.9	42.3	420	ug/Kg
50-32-8	Benzo(a)pyrene	1700		9.1	42.3	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		14.1	42.3	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		12.2	42.3	420	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MS	SDG No.:	H2720
Lab Sample ID:	H2720-10MS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086547.D	1	04/28/16 10:31	05/01/16 03:20	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	2000		17.1	42.3	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		16.6	42.3	420	ug/Kg
123-91-1	1,4-Dioxane	1500		16.6	84.6	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		16.6	42.3	420	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	140		28 - 127		93%	SPK: 150
13127-88-3	Phenol-d6	130		34 - 127		86%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.7		31 - 132		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.4		39 - 123		80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		30 - 133		84%	SPK: 150
1718-51-0	Terphenyl-d14	73.8		37 - 115		74%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137080	6.76				
1146-65-2	Naphthalene-d8	596365	8.05				
15067-26-2	Acenaphthene-d10	284411	9.8				
1517-22-2	Phenanthrene-d10	563829	11.29				
1719-03-5	Chrysene-d12	386468	13.92				
1520-96-3	Perylene-d12	325455	15.31				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MSD	SDG No.:	H2720
Lab Sample ID:	H2720-11MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.4
Sample Wt/Vol:	30.12 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086548.D	1	04/28/16 10:31	05/01/16 03:48	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
100-52-7	Benzaldehyde	370	J	22	42.2	420	ug/Kg
108-95-2	Phenol	1700		9.8	42.2	420	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1900		20.3	42.2	420	ug/Kg
95-57-8	2-Chlorophenol	1800		22.3	42.2	420	ug/Kg
95-48-7	2-Methylphenol	2000		22.9	42.2	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		17.5	42.2	420	ug/Kg
98-86-2	Acetophenone	1900		12.9	42.2	420	ug/Kg
65794-96-9	3+4-Methylphenols	1900		21.9	42.2	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2000		21.3	42.2	420	ug/Kg
67-72-1	Hexachloroethane	1600		18.9	42.2	420	ug/Kg
98-95-3	Nitrobenzene	1900		16	42.2	420	ug/Kg
78-59-1	Isophorone	1800		13.9	42.2	420	ug/Kg
88-75-5	2-Nitrophenol	2000		20.4	42.2	420	ug/Kg
105-67-9	2,4-Dimethylphenol	1900		24	42.2	420	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2100		24.3	42.2	420	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		16.1	42.2	420	ug/Kg
91-20-3	Naphthalene	1800		14.6	42.2	420	ug/Kg
106-47-8	4-Chloroaniline	500		29.8	42.2	420	ug/Kg
87-68-3	Hexachlorobutadiene	1600		15.3	42.2	420	ug/Kg
105-60-2	Caprolactam	2000		19.6	84.5	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		18.8	42.2	420	ug/Kg
91-57-6	2-Methylnaphthalene	1800		10.6	42.2	420	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100		10.3	42.2	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		12.9	42.2	420	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		29.7	42.2	420	ug/Kg
92-52-4	1,1-Biphenyl	1600		16	42.2	420	ug/Kg
91-58-7	2-Chloronaphthalene	1700		9.6	42.2	420	ug/Kg
88-74-4	2-Nitroaniline	2300		18.8	42.2	420	ug/Kg
131-11-3	Dimethylphthalate	2000		11.4	42.2	420	ug/Kg
208-96-8	Acenaphthylene	1700		10.6	42.2	420	ug/Kg
606-20-2	2,6-Dinitrotoluene	1800		17.2	42.2	420	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MSD	SDG No.:	H2720
Lab Sample ID:	H2720-11MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.4
Sample Wt/Vol:	30.12 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086548.D	1	04/28/16 10:31	05/01/16 03:48	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
99-09-2	3-Nitroaniline	1000		27.1	84.5	420	ug/Kg
83-32-9	Acenaphthene	1700		11.9	42.2	420	ug/Kg
51-28-5	2,4-Dinitrophenol	2000		43	340	420	ug/Kg
100-02-7	4-Nitrophenol	4000	E	78.4	210	420	ug/Kg
132-64-9	Dibenzofuran	1800		16.5	42.2	420	ug/Kg
121-14-2	2,4-Dinitrotoluene	2000		12.7	42.2	420	ug/Kg
84-66-2	Diethylphthalate	1800		6.6	42.2	420	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		22.9	42.2	420	ug/Kg
86-73-7	Fluorene	1500		16	42.2	420	ug/Kg
100-01-6	4-Nitroaniline	2000		55	84.5	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		24.2	210	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1700		10.1	42.2	420	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		8.2	42.2	420	ug/Kg
118-74-1	Hexachlorobenzene	1600		17.2	42.2	420	ug/Kg
1912-24-9	Atrazine	2100		22.3	42.2	420	ug/Kg
87-86-5	Pentachlorophenol	3200		28.9	42.2	420	ug/Kg
85-01-8	Phenanthrene	1700		11.4	42.2	420	ug/Kg
120-12-7	Anthracene	1700		8.6	42.2	420	ug/Kg
86-74-8	Carbazole	1800		9.3	42.2	420	ug/Kg
84-74-2	Di-n-butylphthalate	1800		33.2	42.2	420	ug/Kg
206-44-0	Fluoranthene	1700		8.5	42.2	420	ug/Kg
129-00-0	Pyrene	1700		10.1	42.2	420	ug/Kg
85-68-7	Butylbenzylphthalate	1900		20.3	42.2	420	ug/Kg
91-94-1	3,3-Dichlorobenzidine	470		27.1	42.2	420	ug/Kg
56-55-3	Benzo(a)anthracene	1800		20.1	42.2	420	ug/Kg
218-01-9	Chrysene	1600		19.1	42.2	420	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		15	42.2	420	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		4.8	42.2	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		13.8	42.2	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		19.9	42.2	420	ug/Kg
50-32-8	Benzo(a)pyrene	1800		9.1	42.2	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		14.1	42.2	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		12.2	42.2	420	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MSD	SDG No.:	H2720
Lab Sample ID:	H2720-11MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.4
Sample Wt/Vol:	30.12 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086548.D	1	04/28/16 10:31	05/01/16 03:48	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
191-24-2	Benzo(g,h,i)perylene	2000		17.1	42.2	420	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1600		16.6	42.2	420	ug/Kg
123-91-1	1,4-Dioxane	1600		16.6	84.5	420	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2200		16.6	42.2	420	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	140		28 - 127		93%	SPK: 150
13127-88-3	Phenol-d6	130		34 - 127		89%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.2		31 - 132		84%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.5		39 - 123		88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		30 - 133		85%	SPK: 150
1718-51-0	Terphenyl-d14	77.7		37 - 115		78%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140881	6.76				
1146-65-2	Naphthalene-d8	610462	8.05				
15067-26-2	Acenaphthene-d10	295728	9.8				
1517-22-2	Phenanthrene-d10	567401	11.29				
1719-03-5	Chrysene-d12	388862	13.92				
1520-96-3	Perylene-d12	337125	15.31				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

CALIBRATION SUMMARY

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date(s): 04/27/2016 04/27/2016
 Calibration Time(s): 10:28 13:19

LAB FILE ID:	RRF2.5 = BF086414.D			RRF010 = BF086415.D		RRF025 = BF086416.D		
	RRF040 = BF086417.D			RRF050 = BF086418.D		RRF060 = BF086419.D		
COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
2-Fluorophenol	0.978	1.221	1.276	1.123	1.177	1.109	1.160	8.6
Benzaldehyde		1.107	1.061	0.884	0.881	0.774	0.941	14.7
Phenol-d6	1.611	1.813	1.665	1.549	1.579	1.627	1.618	6.4
Phenol	2.088	2.014	1.800	1.622	1.657	1.892	1.805	11.2
bis(2-Chloroethyl)ether	1.757	1.724	1.583	1.476	1.452	1.416	1.561	8.6
2-Chlorophenol	1.613	1.578	1.461	1.419	1.426	1.325	1.444	8.3
2-Methylphenol	1.129	1.268	1.172	1.173	1.191	1.127	1.167	4.5
2,2-oxybis(1-Chloropropane)	3.532	3.317	3.349	3.055	3.020	2.926	3.124	9.4
Acetophenone	0.412	0.465	0.475	0.435	0.443	0.437	0.439	5.9
3+4-Methylphenols	1.310	1.441	1.439	1.337	1.360	1.323	1.333	8.1
n-Nitroso-di-n-propylamine	1.225	1.165	1.076	0.981	0.988	1.078	1.070	9.1
Nitrobenzene-d5	0.341	0.395	0.382	0.374	0.380	0.355	0.371	4.9
Hexachloroethane	0.675	0.608	0.607	0.571	0.588	0.594	0.599	6.6
Nitrobenzene	0.344	0.399	0.429	0.368	0.366	0.411	0.382	8.3
Isophorone	0.740	0.693	0.750	0.705	0.708	0.711	0.714	3.2
2-Nitrophenol		0.155	0.182	0.186	0.187	0.179	0.176	7.5
2,4-Dimethylphenol	0.294	0.316	0.307	0.320	0.323	0.315	0.308	4.9
bis(2-Chloroethoxy)methane	0.377	0.394	0.433	0.381	0.381	0.369	0.389	5.4
2,4-Dichlorophenol	0.215	0.266	0.286	0.262	0.267	0.262	0.260	8.4
Naphthalene	1.156	1.177	1.089	0.919	0.917	0.951	1.018	11.6
4-Chloroaniline	0.329	0.386	0.417	0.396	0.404	0.380	0.381	7.9
Hexachlorobutadiene	0.178	0.172	0.181	0.168	0.171	0.165	0.169	6.4
Caprolactam	0.061	0.082	0.089	0.091	0.092	0.095	0.087	14.0
4-Chloro-3-methylphenol	0.284	0.289	0.333	0.295	0.292	0.322	0.298	7.5
2-Methylnaphthalene	0.606	0.632	0.650	0.619	0.613	0.580	0.601	8.0
Hexachlorocyclopentadiene		0.269	0.278	0.274	0.287	0.294	0.284	4.8
2,4,6-Trichlorophenol	0.307	0.395	0.392	0.355	0.365	0.361	0.362	8.1
2-Fluorobiphenyl		1.495	1.349	1.112	1.137	1.027	1.182	17.0
2,4,5-Trichlorophenol	0.399	0.408	0.388	0.394	0.405	0.396	0.394	3.2
1,1-Biphenyl	1.930	1.954	1.682	1.583	1.640	1.571	1.672	12.8
2-Chloronaphthalene	1.417	1.440	1.268	1.217	1.265	1.217	1.271	9.9
2-Nitroaniline	0.328	0.414	0.431	0.420	0.424	0.405	0.408	8.9
Dimethylphthalate	1.727	1.662	1.607	1.356	1.384	1.517	1.506	11.1
Acenaphthylene	2.429	2.285	2.002	1.900	1.957	1.779	1.987	14.8
2,6-Dinitrotoluene	0.256	0.325	0.345	0.325	0.322	0.337	0.311	11.2
3-Nitroaniline	0.297	0.379	0.377	0.343	0.349	0.378	0.354	8.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date(s): 04/27/2016 04/27/2016
 Calibration Time(s): 10:28 13:19

LAB FILE ID:								
RRF2.5 = BF086414.D			RRF010 = BF086415.D			RRF025 = BF086416.D		
RRF040 = BF086417.D			RRF050 = BF086418.D			RRF060 = BF086419.D		
COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
Acenaphthene	1.494	1.462	1.293	1.228	1.261	1.131	1.276	12.4
2,4-Dinitrophenol		0.071	0.128	0.146	0.150	0.167	0.139	26.7
4-Nitrophenol		0.191	0.227	0.233	0.236	0.261	0.232	10.0
Dibenzofuran	1.910	1.773	1.635	1.551	1.570	1.460	1.595	13.1
2,4-Dinitrotoluene	0.330	0.426	0.423	0.426	0.427	0.388	0.397	10.1
Diethylphthalate	1.698	1.513	1.531	1.251	1.293	1.362	1.425	11.2
4-Chlorophenyl-phenylether	0.720	0.731	0.688	0.539	0.560	0.535	0.629	14.9
Fluorene	1.618	1.583	1.334	1.274	1.295	1.206	1.385	12.5
4-Nitroaniline	0.254	0.370	0.376	0.351	0.358	0.369	0.346	12.2
4,6-Dinitro-2-methylphenol		0.091	0.110	0.122	0.118	0.145	0.117	14.9
n-Nitrosodiphenylamine	0.674	0.668	0.604	0.651	0.642	0.587	0.625	7.4
2,4,6-Tribromophenol	0.189	0.236	0.219	0.217	0.221	0.203	0.211	8.0
4-Bromophenyl-phenylether	0.197	0.207	0.210	0.221	0.217	0.204	0.206	5.5
Hexachlorobenzene	0.249	0.246	0.232	0.236	0.230	0.248	0.239	3.6
Atrazine	0.191	0.212	0.190	0.190	0.190	0.168	0.188	7.6
Pentachlorophenol		0.097	0.123	0.135	0.131	0.135	0.126	11.9
Phenanthrene	1.128	1.132	1.017	1.060	1.039	1.055	1.050	7.0
Anthracene	1.242	1.188	1.180	1.087	1.082	1.016	1.120	7.5
Carbazole	1.015	1.028	0.980	1.021	1.023	0.997	0.993	5.0
Di-n-butylphthalate	1.072	1.188	1.242	1.194	1.162	1.060	1.125	8.9
Fluoranthene	1.122	1.122	1.146	1.051	1.059	0.962	1.059	7.3
Pyrene	1.573	1.481	1.541	1.461	1.504	1.241	1.441	8.8
Terphenyl-d14	1.018	0.993	0.985	0.858	0.901	0.763	0.908	10.4
Butylbenzylphthalate	0.522	0.625	0.639	0.622	0.658	0.652	0.624	7.5
3,3-Dichlorobenzidine	0.677	0.796	0.828	0.701	0.737	0.636	0.713	11.2
Benzo (a) anthracene	1.175	1.145	1.099	0.999	1.057	1.038	1.066	7.4
Chrysene	1.302	1.291	1.287	1.115	1.203	0.930	1.159	13.2
Bis (2-ethylhexyl) phthalate	0.761	0.819	0.816	0.776	0.815	0.736	0.775	5.9
Di-n-octyl phthalate	1.002	1.196	1.365	1.240	1.356	1.215	1.213	10.5
Benzo (b) fluoranthene	1.013	1.069	1.419	1.197	1.283	1.191	1.177	12.1
Benzo (k) fluoranthene	1.478	1.453	1.072	1.125	1.115	1.167	1.227	13.6
Benzo (a) pyrene	1.181	1.132	1.124	1.076	1.101	1.101	1.111	3.6
Indeno (1,2,3-cd) pyrene	0.732	0.826	0.855	0.884	0.918	0.863	0.859	7.8
Dibenzo (a,h) anthracene	0.759	0.845	0.854	0.964	0.969	0.949	0.909	10.1
Benzo (g,h,i) perylene	0.803	0.816	0.819	0.965	0.961	0.956	0.911	10.8
1,2,4,5-Tetrachlorobenzene	0.628	0.668	0.573	0.522	0.515	0.555	0.572	9.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date(s): 04/27/2016 04/27/2016
 Calibration Time(s): 10:28 13:19

LAB FILE ID:		RRF2.5 = BF086414.D			RRF010 = BF086415.D		RRF025 = BF086416.D	
		RRF040 = BF086417.D			RRF050 = BF086418.D		RRF060 = BF086419.D	
COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
1,4-Dioxane	0.675	0.622	0.607	0.578	0.596	0.596	0.609	5.3
2,3,4,6-Tetrachlorophenol	0.284	0.339	0.334	0.307	0.314	0.293	0.308	7.1

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date(s): 05/04/2016 05/04/2016
 Calibration Time(s): 11:20 14:11

LAB FILE ID:	RRF2.5 = BF086669.D			RRF010 = BF086670.D		RRF025 = BF086671.D		
	RRF040 = BF086672.D			RRF050 = BF086673.D		RRF060 = BF086674.D		
COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
2-Fluorophenol	1.116	1.281	1.276	1.271	1.193	1.125	1.208	5.8
Benzaldehyde		0.972	0.905	0.715	0.767	0.701	0.812	14.8
Phenol-d6	1.764	1.804	1.596	1.643	1.543	1.577	1.627	7.4
Phenol	1.810	1.987	1.791	1.819	1.776	1.618	1.780	6.7
bis(2-Chloroethyl)ether	1.813	1.594	1.593	1.452	1.447	1.539	1.532	10.7
2-Chlorophenol	1.650	1.561	1.461	1.477	1.346	1.324	1.450	8.6
2-Methylphenol	1.229	1.235	1.174	1.133	1.160	1.163	1.167	4.6
2,2-oxybis(1-Chloropropane)	3.822	3.515	3.098	2.972	2.839	2.873	3.133	12.4
Acetophenone	0.496	0.521	0.464	0.481	0.443	0.426	0.466	7.6
3+4-Methylphenols	1.489	1.525	1.434	1.390	1.220	1.388	1.367	10.7
n-Nitroso-di-n-propylamine	1.262	1.221	1.100	1.016	1.131	0.973	1.112	9.3
Nitrobenzene-d5	0.410	0.406	0.409	0.393	0.362	0.388	0.389	5.7
Hexachloroethane	0.653	0.611	0.605	0.608	0.595	0.587	0.601	5.2
Nitrobenzene	0.392	0.429	0.424	0.388	0.428	0.382	0.402	5.9
Isophorone	0.777	0.790	0.708	0.720	0.679	0.699	0.725	5.8
2-Nitrophenol	0.152	0.188	0.195	0.183	0.171	0.176	0.180	8.3
2,4-Dimethylphenol	0.324	0.327	0.338	0.309	0.294	0.321	0.315	5.3
bis(2-Chloroethoxy)methane	0.440	0.430	0.398	0.373	0.391	0.401	0.399	7.2
2,4-Dichlorophenol	0.275	0.295	0.279	0.268	0.269	0.269	0.271	5.8
Naphthalene	1.280	1.162	0.995	0.969	0.942	0.949	1.022	14.4
4-Chloroaniline	0.396	0.416	0.428	0.396	0.367	0.376	0.396	5.3
Hexachlorobutadiene	0.199	0.194	0.183	0.172	0.158	0.153	0.172	12.4
Caprolactam	0.078	0.089	0.092	0.085	0.079	0.080	0.084	6.4
4-Chloro-3-methylphenol	0.341	0.323	0.315	0.323	0.279	0.310	0.309	7.9
2-Methylnaphthalene	0.684	0.673	0.658	0.622	0.549	0.521	0.603	12.2
Hexachlorocyclopentadiene		0.181	0.208	0.225	0.243	0.270	0.233	15.2
2,4,6-Trichlorophenol	0.335	0.372	0.364	0.367	0.369	0.405	0.368	5.6
2-Fluorobiphenyl		1.455	1.368	1.223	1.065	1.097	1.220	13.1
2,4,5-Trichlorophenol	0.365	0.391	0.413	0.407	0.379	0.377	0.385	5.3
1,1-Biphenyl	1.959	1.794	1.619	1.767	1.577	1.460	1.635	14.0
2-Chloronaphthalene	1.450	1.408	1.271	1.283	1.211	1.164	1.262	11.0
2-Nitroaniline	0.425	0.452	0.462	0.431	0.429	0.485	0.449	4.9
Dimethylphthalate	1.651	1.635	1.485	1.418	1.431	1.358	1.491	7.4
Acenaphthylene		2.152	2.001	2.006	1.815	1.697	1.873	11.7
2,6-Dinitrotoluene	0.318	0.345	0.314	0.336	0.304	0.289	0.320	6.2
3-Nitroaniline	0.370	0.380	0.371	0.356	0.364	0.347	0.364	3.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720

Instrument ID: BNA_F Calibration Date(s): 05/04/2016 05/04/2016

Calibration Time(s): 11:20 14:11

LAB FILE ID:								
RRF2.5 = BF086669.D			RRF010 = BF086670.D			RRF025 = BF086671.D		
RRF040 = BF086672.D			RRF050 = BF086673.D			RRF060 = BF086674.D		
COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
Acenaphthene	1.489	1.328	1.280	1.243	1.112	1.107	1.236	11.8
2,4-Dinitrophenol		0.022	0.056	0.076	0.099	0.116	0.083	47.9
4-Nitrophenol		0.156	0.205	0.223	0.220	0.248	0.212	14.5
Dibenzofuran	1.766	1.685	1.625	1.590	1.470	1.334	1.532	12.3
2,4-Dinitrotoluene	0.389	0.435	0.416	0.422	0.366	0.385	0.397	7.2
Diethylphthalate	1.607	1.586	1.409	1.357	1.377	1.338	1.411	10.1
4-Chlorophenyl-phenylether		0.728	0.619	0.573	0.521	0.543	0.590	12.7
Fluorene		1.463	1.321	1.321	1.247	1.106	1.241	13.7
4-Nitroaniline	0.308	0.355	0.364	0.359	0.348	0.355	0.350	5.4
4,6-Dinitro-2-methylphenol		0.042	0.082	0.088	0.112	0.105	0.092	31.5
n-Nitrosodiphenylamine	0.702	0.658	0.657	0.662	0.609	0.569	0.635	7.4
2,4,6-Tribromophenol	0.170	0.203	0.207	0.209	0.194	0.182	0.196	7.4
4-Bromophenyl-phenylether	0.205	0.212	0.213	0.212	0.192	0.183	0.199	7.9
Hexachlorobenzene	0.263	0.251	0.240	0.239	0.246	0.246	0.242	6.5
Atrazine	0.205	0.205	0.225	0.188	0.186	0.197	0.195	11.1
Pentachlorophenol		0.066	0.094	0.101	0.113	0.120	0.102	19.5
Phenanthrene	1.245	1.146	1.081	1.031	1.057	1.043	1.074	9.5
Anthracene	1.253	1.184	1.239	1.175	1.027	1.001	1.125	10.1
Carbazole	1.025	1.014	1.038	1.021	0.996	0.913	0.977	7.9
Di-n-butylphthalate	1.301	1.245	1.235	1.125	1.057	1.083	1.160	8.5
Fluoranthene	1.185	1.128	1.198	1.140	1.027	0.937	1.077	10.7
Pyrene	1.743	1.559	1.604	1.794	1.678	1.481	1.594	10.5
Terphenyl-d14	1.071	0.999	1.056	1.067	0.944	0.878	0.990	8.0
Butylbenzylphthalate	0.554	0.606	0.676	0.714	0.751	0.749	0.668	11.3
3,3-Dichlorobenzidine	0.675	0.702	0.738	0.900	0.717	0.629	0.711	13.4
Benzo (a) anthracene	1.228	1.178	1.144	1.156	1.119	1.064	1.131	6.0
Chrysene	1.352	1.212	1.242	1.287	1.293	1.138	1.207	11.8
Bis (2-ethylhexyl) phthalate	0.730	0.749	0.814	0.838	0.834	0.774	0.773	7.9
Di-n-octyl phthalate	0.960	1.063	1.203	1.212	1.241	1.188	1.137	9.0
Benzo (b) fluoranthene	1.079	1.097	1.378	1.268	1.178	1.066	1.202	10.8
Benzo (k) fluoranthene		1.400	1.054	1.035	1.034	1.138	1.132	13.8
Benzo (a) pyrene	1.221	1.131	1.110	1.102	1.083	1.059	1.107	5.3
Indeno (1,2,3-cd) pyrene	0.858	0.887	0.991	1.143	1.172	1.133	1.035	12.2
Dibenzo (a,h) anthracene	1.012	1.053	1.074	1.134	1.083	1.094	1.063	4.5
Benzo (g,h,i) perylene	1.127	1.051	1.100	1.193	1.131	1.149	1.116	4.4
1,2,4,5-Tetrachlorobenzene	0.640	0.626	0.574	0.572	0.563	0.570	0.579	7.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date(s): 05/04/2016 05/04/2016
 Calibration Time(s): 11:20 14:11

LAB FILE ID:		RRF2.5 = BF086669.D			RRF010 = BF086670.D		RRF025 = BF086671.D	
		RRF040 = BF086672.D			RRF050 = BF086673.D		RRF060 = BF086674.D	
COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
1,4-Dioxane	0.717	0.630	0.593	0.628	0.597	0.612	0.624	7.0
2,3,4,6-Tetrachlorophenol	0.248	0.281	0.305	0.291	0.271	0.295	0.282	6.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date/Time: 04/30/2016 09:48
 Lab File ID: BF086513.D Init. Calib. Date(s): 04/27/2016 04/27/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:28 13:19
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.160	1.254		8.2	
Benzaldehyde	0.941	0.943		0.2	
Phenol-d6	1.618	1.704		5.3	
Phenol	1.805	1.861		3.1	20.0
bis(2-Chloroethyl) ether	1.561	1.566		0.3	
2-Chlorophenol	1.444	1.503		4.1	
2-Methylphenol	1.167	1.169		0.2	
2,2-oxybis(1-Chloropropane)	3.124	3.224		3.2	
Acetophenone	0.439	0.441		0.5	
3+4-Methylphenols	1.333	1.446		8.5	
n-Nitroso-di-n-propylamine	1.070	1.080	0.050	0.9	
Nitrobenzene-d5	0.371	0.406		9.4	
Hexachloroethane	0.599	0.585		-2.3	
Nitrobenzene	0.382	0.380		-0.5	
Isophorone	0.714	0.726		1.7	
2-Nitrophenol	0.176	0.201		14.2	20.0
2,4-Dimethylphenol	0.308	0.331		7.5	
bis(2-Chloroethoxy) methane	0.389	0.392		0.8	
2,4-Dichlorophenol	0.260	0.270		3.8	20.0
Naphthalene	1.018	0.908		-10.8	
4-Chloroaniline	0.381	0.419		10.0	
Hexachlorobutadiene	0.169	0.170		0.6	20.0
Caprolactam	0.087	0.101		16.1	
4-Chloro-3-methylphenol	0.298	0.337		13.1	20.0
2-Methylnaphthalene	0.601	0.637		6.0	
Hexachlorocyclopentadiene	0.284	0.248	0.050	-12.7	
2,4,6-Trichlorophenol	0.362	0.364		0.6	20.0
2-Fluorobiphenyl	1.182	1.202		1.7	
2,4,5-Trichlorophenol	0.394	0.410		4.1	
1,1-Biphenyl	1.672	1.547		-7.5	
2-Chloronaphthalene	1.271	1.222		-3.9	
2-Nitroaniline	0.408	0.470		15.2	
Dimethylphthalate	1.506	1.379		-8.4	
Acenaphthylene	1.987	1.974		-0.7	
2,6-Dinitrotoluene	0.311	0.324		4.2	
3-Nitroaniline	0.354	0.361		2.0	
Acenaphthene	1.276	1.311		2.7	20.0
2,4-Dinitrophenol	0.139	0.145	0.050	4.3	
4-Nitrophenol	0.232	0.252	0.050	8.6	
Dibenzofuran	1.595	1.572		-1.4	
2,4-Dinitrotoluene	0.397	0.426		7.3	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date/Time: 04/30/2016 09:48
 Lab File ID: BF086513.D Init. Calib. Date(s): 04/27/2016 04/27/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:28 13:19
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.425	1.361		-4.5	
4-Chlorophenyl-phenylether	0.629	0.569		-9.5	
Fluorene	1.385	1.253		-9.5	
4-Nitroaniline	0.346	0.384		11.0	
4,6-Dinitro-2-methylphenol	0.117	0.122		4.3	
n-Nitrosodiphenylamine	0.625	0.642		2.7	20.0
2,4,6-Tribromophenol	0.211	0.223		5.7	
4-Bromophenyl-phenylether	0.206	0.209		1.5	
Hexachlorobenzene	0.239	0.225		-5.9	
Atrazine	0.188	0.195		3.7	
Pentachlorophenol	0.126	0.130		3.2	20.0
Phenanthrene	1.050	0.996		-5.1	
Anthracene	1.120	1.136		1.4	
Carbazole	0.993	1.027		3.4	
Di-n-butylphthalate	1.125	1.182		5.1	
Fluoranthene	1.059	1.140		7.6	20.0
Pyrene	1.441	1.687		17.1	
Terphenyl-d14	0.908	1.011		11.3	
Butylbenzylphthalate	0.624	0.632		1.3	
3,3-Dichlorobenzidine	0.713	0.811		13.7	
Benzo(a)anthracene	1.066	1.126		5.6	
Chrysene	1.159	1.306		12.7	
Bis(2-ethylhexyl)phthalate	0.775	0.683		-11.9	
Di-n-octyl phthalate	1.213	1.150		-5.2	20.0
Benzo(b)fluoranthene	1.177	1.179		0.2	
Benzo(k)fluoranthene	1.227	1.140		-7.1	
Benzo(a)pyrene	1.111	1.083		-2.5	20.0
Indeno(1,2,3-cd)pyrene	0.859	1.062		23.6	
Dibenzo(a,h)anthracene	0.909	1.037		14.1	
Benzo(g,h,i)perylene	0.911	1.064		16.8	
1,2,4,5-Tetrachlorobenzene	0.572	0.513		-10.3	
1,4-Dioxane	0.609	0.625		2.6	20.0
2,3,4,6-Tetrachlorophenol	0.308	0.303		-1.6	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date/Time: 04/30/2016 23:03
 Lab File ID: BF086538.D Init. Calib. Date(s): 04/27/2016 04/27/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:28 13:19
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.160	1.198		3.4	
Benzaldehyde	0.941	0.890		-5.4	
Phenol-d6	1.618	1.586		-2.0	
Phenol	1.805	1.736		-3.8	20.0
bis(2-Chloroethyl) ether	1.561	1.668		6.9	
2-Chlorophenol	1.444	1.425		-1.3	
2-Methylphenol	1.167	1.224		4.9	
2,2-oxybis(1-Chloropropane)	3.124	3.131		0.2	
Acetophenone	0.439	0.443		0.9	
3+4-Methylphenols	1.333	1.340		0.5	
n-Nitroso-di-n-propylamine	1.070	1.151	0.050	7.6	
Nitrobenzene-d5	0.371	0.400		7.8	
Hexachloroethane	0.599	0.560		-6.5	
Nitrobenzene	0.382	0.405		6.0	
Isophorone	0.714	0.699		-2.1	
2-Nitrophenol	0.176	0.193		9.7	20.0
2,4-Dimethylphenol	0.308	0.325		5.5	
bis(2-Chloroethoxy) methane	0.389	0.417		7.2	
2,4-Dichlorophenol	0.260	0.280		7.7	20.0
Naphthalene	1.018	0.931		-8.5	
4-Chloroaniline	0.381	0.422		10.8	
Hexachlorobutadiene	0.169	0.162		-4.1	20.0
Caprolactam	0.087	0.089		2.3	
4-Chloro-3-methylphenol	0.298	0.305		2.3	20.0
2-Methylnaphthalene	0.601	0.607		1.0	
Hexachlorocyclopentadiene	0.284	0.262	0.050	-7.7	
2,4,6-Trichlorophenol	0.362	0.378		4.4	20.0
2-Fluorobiphenyl	1.182	1.261		6.7	
2,4,5-Trichlorophenol	0.394	0.403		2.3	
1,1-Biphenyl	1.672	1.536		-8.1	
2-Chloronaphthalene	1.271	1.200		-5.6	
2-Nitroaniline	0.408	0.489		19.9	
Dimethylphthalate	1.506	1.475		-2.1	
Acenaphthylene	1.987	1.907		-4.0	
2,6-Dinitrotoluene	0.311	0.311		0.0	
3-Nitroaniline	0.354	0.411		16.1	
Acenaphthene	1.276	1.275		-0.1	20.0
2,4-Dinitrophenol	0.139	0.152	0.050	9.4	
4-Nitrophenol	0.232	0.239	0.050	3.0	
Dibenzofuran	1.595	1.550		-2.8	
2,4-Dinitrotoluene	0.397	0.407		2.5	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date/Time: 04/30/2016 23:03
 Lab File ID: BF086538.D Init. Calib. Date(s): 04/27/2016 04/27/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:28 13:19
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.425	1.464		2.7	
4-Chlorophenyl-phenylether	0.629	0.628		-0.2	
Fluorene	1.385	1.204		-13.1	
4-Nitroaniline	0.346	0.392		13.3	
4,6-Dinitro-2-methylphenol	0.117	0.123		5.1	
n-Nitrosodiphenylamine	0.625	0.601		-3.8	20.0
2,4,6-Tribromophenol	0.211	0.215		1.9	
4-Bromophenyl-phenylether	0.206	0.210		1.9	
Hexachlorobenzene	0.239	0.224		-6.3	
Atrazine	0.188	0.220		17.0	
Pentachlorophenol	0.126	0.123		-2.4	20.0
Phenanthrene	1.050	0.979		-6.8	
Anthracene	1.120	1.150		2.7	
Carbazole	0.993	0.962		-3.1	
Di-n-butylphthalate	1.125	1.184		5.2	
Fluoranthene	1.059	1.067		0.8	20.0
Pyrene	1.441	1.432		-0.6	
Terphenyl-d14	0.908	0.913		0.6	
Butylbenzylphthalate	0.624	0.630		1.0	
3,3-Dichlorobenzidine	0.713	0.682		-4.3	
Benzo(a)anthracene	1.066	1.086		1.9	
Chrysene	1.159	1.080		-6.8	
Bis(2-ethylhexyl)phthalate	0.775	0.657		-15.2	
Di-n-octyl phthalate	1.213	1.031		-15.0	20.0
Benzo(b)fluoranthene	1.177	1.269		7.8	
Benzo(k)fluoranthene	1.227	1.037		-15.5	
Benzo(a)pyrene	1.111	1.099		-1.1	20.0
Indeno(1,2,3-cd)pyrene	0.859	1.062		23.6	
Dibenzo(a,h)anthracene	0.909	1.063		16.9	
Benzo(g,h,i)perylene	0.911	1.089		19.5	
1,2,4,5-Tetrachlorobenzene	0.572	0.547		-4.4	
1,4-Dioxane	0.609	0.620		1.8	20.0
2,3,4,6-Tetrachlorophenol	0.308	0.327		6.2	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date/Time: 05/05/2016 14:04
 Lab File ID: BF086707.D Init. Calib. Date(s): 05/04/2016 05/04/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:20 14:11
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.208	1.267		4.9	
Benzaldehyde	0.812	0.765		-5.8	
Phenol-d6	1.627	1.568		-3.6	
Phenol	1.780	1.867		4.9	20.0
bis(2-Chloroethyl) ether	1.532	1.383		-9.7	
2-Chlorophenol	1.450	1.420		-2.1	
2-Methylphenol	1.167	1.138		-2.5	
2,2-oxybis(1-Chloropropane)	3.133	2.933		-6.4	
Acetophenone	0.466	0.490		5.2	
3+4-Methylphenols	1.367	1.273		-6.8	
n-Nitroso-di-n-propylamine	1.112	0.988	0.050	-11.2	
Nitrobenzene-d5	0.389	0.368		-5.4	
Hexachloroethane	0.601	0.598		-0.5	
Nitrobenzene	0.402	0.408		1.5	
Isophorone	0.725	0.704		-2.9	
2-Nitrophenol	0.180	0.174		-3.3	20.0
2,4-Dimethylphenol	0.315	0.298		-5.4	
bis(2-Chloroethoxy) methane	0.399	0.389		-2.5	
2,4-Dichlorophenol	0.271	0.279		3.0	20.0
Naphthalene	1.022	0.967		-5.4	
4-Chloroaniline	0.396	0.373		-5.8	
Hexachlorobutadiene	0.172	0.169		-1.7	20.0
Caprolactam	0.084	0.097		15.5	
4-Chloro-3-methylphenol	0.309	0.294		-4.9	20.0
2-Methylnaphthalene	0.603	0.590		-2.2	
Hexachlorocyclopentadiene	0.233	0.241	0.050	3.4	
2,4,6-Trichlorophenol	0.368	0.379		3.0	20.0
2-Fluorobiphenyl	1.220	1.094		-10.3	
2,4,5-Trichlorophenol	0.385	0.387		0.5	
1,1-Biphenyl	1.635	1.746		6.8	
2-Chloronaphthalene	1.262	1.283		1.7	
2-Nitroaniline	0.449	0.432		-3.8	
Dimethylphthalate	1.491	1.522		2.1	
Acenaphthylene	1.873	1.971		5.2	
2,6-Dinitrotoluene	0.320	0.334		4.4	
3-Nitroaniline	0.364	0.351		-3.6	
Acenaphthene	1.236	1.186		-4.0	20.0
2,4-Dinitrophenol	0.083	0.093	0.050	12.0	
4-Nitrophenol	0.212	0.220	0.050	3.8	
Dibenzofuran	1.532	1.572		2.6	
2,4-Dinitrotoluene	0.397	0.391		-1.5	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date/Time: 05/05/2016 14:04
 Lab File ID: BF086707.D Init. Calib. Date(s): 05/04/2016 05/04/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:20 14:11
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.411	1.425		1.0	
4-Chlorophenyl-phenylether	0.590	0.557		-5.6	
Fluorene	1.241	1.325		6.8	
4-Nitroaniline	0.350	0.367		4.9	
4,6-Dinitro-2-methylphenol	0.092	0.113		22.8	
n-Nitrosodiphenylamine	0.635	0.659		3.8	20.0
2,4,6-Tribromophenol	0.196	0.209		6.6	
4-Bromophenyl-phenylether	0.199	0.209		5.0	
Hexachlorobenzene	0.242	0.242		0.0	
Atrazine	0.195	0.185		-5.1	
Pentachlorophenol	0.102	0.110		7.8	20.0
Phenanthrene	1.074	1.040		-3.2	
Anthracene	1.125	1.167		3.7	
Carbazole	0.977	1.093		11.9	
Di-n-butylphthalate	1.160	1.164		0.3	
Fluoranthene	1.077	1.140		5.8	20.0
Pyrene	1.594	1.456		-8.7	
Terphenyl-d14	0.990	0.803		-18.9	
Butylbenzylphthalate	0.668	0.693		3.7	
3,3-Dichlorobenzidine	0.711	0.798		12.2	
Benzo(a)anthracene	1.131	1.062		-6.1	
Chrysene	1.207	1.128		-6.5	
Bis(2-ethylhexyl)phthalate	0.773	0.817		5.7	
Di-n-octyl phthalate	1.137	1.353		19.0	20.0
Benzo(b)fluoranthene	1.202	1.182		-1.7	
Benzo(k)fluoranthene	1.132	1.247		10.2	
Benzo(a)pyrene	1.107	1.098		-0.8	20.0
Indeno(1,2,3-cd)pyrene	1.035	0.853		-17.6	
Dibenzo(a,h)anthracene	1.063	0.863		-18.8	
Benzo(g,h,i)perylene	1.116	0.856		-23.3	
1,2,4,5-Tetrachlorobenzene	0.579	0.580		0.2	
1,4-Dioxane	0.624	0.586		-6.1	20.0
2,3,4,6-Tetrachlorophenol	0.282	0.280		-0.7	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date/Time: 05/07/2016 04:42
 Lab File ID: BF086752.D Init. Calib. Date(s): 05/04/2016 05/04/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:20 14:11
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.208	1.249		3.4	
Benzaldehyde	0.812	0.809		-0.4	
Phenol-d6	1.627	1.450		-10.9	
Phenol	1.780	1.779		-0.1	20.0
bis(2-Chloroethyl) ether	1.532	1.329		-13.3	
2-Chlorophenol	1.450	1.410		-2.8	
2-Methylphenol	1.167	1.116		-4.4	
2,2-oxybis(1-Chloropropane)	3.133	3.065		-2.2	
Acetophenone	0.466	0.498		6.9	
3+4-Methylphenols	1.367	1.401		2.5	
n-Nitroso-di-n-propylamine	1.112	1.041	0.050	-6.4	
Nitrobenzene-d5	0.389	0.383		-1.5	
Hexachloroethane	0.601	0.627		4.3	
Nitrobenzene	0.402	0.372		-7.5	
Isophorone	0.725	0.710		-2.1	
2-Nitrophenol	0.180	0.191		6.1	20.0
2,4-Dimethylphenol	0.315	0.301		-4.4	
bis(2-Chloroethoxy) methane	0.399	0.378		-5.3	
2,4-Dichlorophenol	0.271	0.273		0.7	20.0
Naphthalene	1.022	0.972		-4.9	
4-Chloroaniline	0.396	0.348		-12.1	
Hexachlorobutadiene	0.172	0.165		-4.1	20.0
Caprolactam	0.084	0.074		-11.9	
4-Chloro-3-methylphenol	0.309	0.316		2.3	20.0
2-Methylnaphthalene	0.603	0.545		-9.6	
Hexachlorocyclopentadiene	0.233	0.326	0.050	39.9	
2,4,6-Trichlorophenol	0.368	0.392		6.5	20.0
2-Fluorobiphenyl	1.220	1.194		-2.1	
2,4,5-Trichlorophenol	0.385	0.415		7.8	
1,1-Biphenyl	1.635	1.623		-0.7	
2-Chloronaphthalene	1.262	1.250		-1.0	
2-Nitroaniline	0.449	0.434		-3.3	
Dimethylphthalate	1.491	1.512		1.4	
Acenaphthylene	1.873	1.765		-5.8	
2,6-Dinitrotoluene	0.320	0.355		10.9	
3-Nitroaniline	0.364	0.346		-4.9	
Acenaphthene	1.236	1.133		-8.3	20.0
2,4-Dinitrophenol	0.083	0.132	0.050	59.0	
4-Nitrophenol	0.212	0.191	0.050	-9.9	
Dibenzofuran	1.532	1.401		-8.6	
2,4-Dinitrotoluene	0.397	0.402		1.3	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date/Time: 05/07/2016 04:42
 Lab File ID: BF086752.D Init. Calib. Date(s): 05/04/2016 05/04/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:20 14:11
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.411	1.324		-6.1	
4-Chlorophenyl-phenylether	0.590	0.556		-5.8	
Fluorene	1.241	1.246		0.4	
4-Nitroaniline	0.350	0.334		-4.6	
4,6-Dinitro-2-methylphenol	0.092	0.124		34.8	
n-Nitrosodiphenylamine	0.635	0.597		-6.0	20.0
2,4,6-Tribromophenol	0.196	0.184		-6.1	
4-Bromophenyl-phenylether	0.199	0.201		1.0	
Hexachlorobenzene	0.242	0.237		-2.1	
Atrazine	0.195	0.179		-8.2	
Pentachlorophenol	0.102	0.137		34.3	20.0
Phenanthrene	1.074	1.097		2.1	
Anthracene	1.125	0.998		-11.3	
Carbazole	0.977	0.881		-9.8	
Di-n-butylphthalate	1.160	1.142		-1.6	
Fluoranthene	1.077	1.041		-3.3	20.0
Pyrene	1.594	1.626		2.0	
Terphenyl-d14	0.990	0.946		-4.4	
Butylbenzylphthalate	0.668	0.756		13.2	
3,3-Dichlorobenzidine	0.711	0.767		7.9	
Benzo(a)anthracene	1.131	1.106		-2.2	
Chrysene	1.207	1.256		4.1	
Bis(2-ethylhexyl)phthalate	0.773	0.936		21.1	
Di-n-octyl phthalate	1.137	1.534		34.9	20.0
Benzo(b)fluoranthene	1.202	1.387		15.4	
Benzo(k)fluoranthene	1.132	0.995		-12.1	
Benzo(a)pyrene	1.107	1.074		-3.0	20.0
Indeno(1,2,3-cd)pyrene	1.035	1.036		0.1	
Dibenzo(a,h)anthracene	1.063	0.982		-7.6	
Benzo(g,h,i)perylene	1.116	0.960		-14.0	
1,2,4,5-Tetrachlorobenzene	0.579	0.635		9.7	
1,4-Dioxane	0.624	0.582		-6.7	20.0
2,3,4,6-Tetrachlorophenol	0.282	0.308		9.2	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date/Time: 05/08/2016 03:20
 Lab File ID: BF086799.D Init. Calib. Date(s): 05/04/2016 05/04/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:20 14:11
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.208	1.231		1.9	
Benzaldehyde	0.812	0.842		3.7	
Phenol-d6	1.627	1.421		-12.7	
Phenol	1.780	1.486		-16.5	20.0
bis(2-Chloroethyl) ether	1.532	1.325		-13.5	
2-Chlorophenol	1.450	1.379		-4.9	
2-Methylphenol	1.167	1.069		-8.4	
2,2-oxybis(1-Chloropropane)	3.133	2.972		-5.1	
Acetophenone	0.466	0.502		7.7	
3+4-Methylphenols	1.367	1.342		-1.8	
n-Nitroso-di-n-propylamine	1.112	1.064	0.050	-4.3	
Nitrobenzene-d5	0.389	0.379		-2.6	
Hexachloroethane	0.601	0.618		2.8	
Nitrobenzene	0.402	0.389		-3.2	
Isophorone	0.725	0.723		-0.3	
2-Nitrophenol	0.180	0.192		6.7	20.0
2,4-Dimethylphenol	0.315	0.311		-1.3	
bis(2-Chloroethoxy) methane	0.399	0.380		-4.8	
2,4-Dichlorophenol	0.271	0.277		2.2	20.0
Naphthalene	1.022	0.974		-4.7	
4-Chloroaniline	0.396	0.348		-12.1	
Hexachlorobutadiene	0.172	0.172		0.0	20.0
Caprolactam	0.084	0.082		-2.4	
4-Chloro-3-methylphenol	0.309	0.301		-2.6	20.0
2-Methylnaphthalene	0.603	0.535		-11.3	
Hexachlorocyclopentadiene	0.233	0.290	0.050	24.5	
2,4,6-Trichlorophenol	0.368	0.392		6.5	20.0
2-Fluorobiphenyl	1.220	1.114		-8.7	
2,4,5-Trichlorophenol	0.385	0.405		5.2	
1,1-Biphenyl	1.635	1.583		-3.2	
2-Chloronaphthalene	1.262	1.221		-3.2	
2-Nitroaniline	0.449	0.456		1.6	
Dimethylphthalate	1.491	1.558		4.5	
Acenaphthylene	1.873	1.758		-6.1	
2,6-Dinitrotoluene	0.320	0.359		12.2	
3-Nitroaniline	0.364	0.344		-5.5	
Acenaphthene	1.236	1.105		-10.6	20.0
2,4-Dinitrophenol	0.083	0.114	0.050	37.3	
4-Nitrophenol	0.212	0.187	0.050	-11.8	
Dibenzofuran	1.532	1.393		-9.1	
2,4-Dinitrotoluene	0.397	0.384		-3.3	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date/Time: 05/08/2016 03:20
 Lab File ID: BF086799.D Init. Calib. Date(s): 05/04/2016 05/04/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:20 14:11
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.411	1.362		-3.5	
4-Chlorophenyl-phenylether	0.590	0.521		-11.7	
Fluorene	1.241	1.256		1.2	
4-Nitroaniline	0.350	0.318		-9.1	
4,6-Dinitro-2-methylphenol	0.092	0.122		32.6	
n-Nitrosodiphenylamine	0.635	0.577		-9.1	20.0
2,4,6-Tribromophenol	0.196	0.178		-9.2	
4-Bromophenyl-phenylether	0.199	0.206		3.5	
Hexachlorobenzene	0.242	0.229		-5.4	
Atrazine	0.195	0.190		-2.6	
Pentachlorophenol	0.102	0.115		12.7	20.0
Phenanthrene	1.074	1.050		-2.2	
Anthracene	1.125	0.992		-11.8	
Carbazole	0.977	0.821		-16.0	
Di-n-butylphthalate	1.160	1.063		-8.4	
Fluoranthene	1.077	1.039		-3.5	20.0
Pyrene	1.594	1.765		10.7	
Terphenyl-d14	0.990	1.026		3.6	
Butylbenzylphthalate	0.668	0.774		15.9	
3,3-Dichlorobenzidine	0.711	0.800		12.5	
Benzo(a)anthracene	1.131	1.152		1.9	
Chrysene	1.207	1.346		11.5	
Bis(2-ethylhexyl)phthalate	0.773	0.966		25.0	
Di-n-octyl phthalate	1.137	1.754		54.3	20.0
Benzo(b)fluoranthene	1.202	1.370		14.0	
Benzo(k)fluoranthene	1.132	0.895		-20.9	
Benzo(a)pyrene	1.107	1.042		-5.9	20.0
Indeno(1,2,3-cd)pyrene	1.035	1.115		7.7	
Dibenzo(a,h)anthracene	1.063	0.930		-12.5	
Benzo(g,h,i)perylene	1.116	0.927		-16.9	
1,2,4,5-Tetrachlorobenzene	0.579	0.621		7.3	
1,4-Dioxane	0.624	0.570		-8.7	20.0
2,3,4,6-Tetrachlorophenol	0.282	0.297		5.3	

All other compounds must meet a minimum RRF of 0.010.

LAB CHRONICLE

OrderID:	H2720	OrderDate:	4/25/2016 1:46:32 PM
Client:	LaBella Associates P.C.	Project:	4185 Military Road, Niagara, NY
Contact:	Adam Zebrowski	Location:	O23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2720-01	TP-3D02	SOIL	SVOCMS Group2	8270D	04/21/16	04/28/16	05/08/16	04/25/16
H2720-02	TP-1D46	SOIL	SVOCMS Group2	8270D	04/21/16	04/28/16	05/01/16	04/25/16
H2720-03	TP-5D24	SOIL	SVOCMS Group2	8270D	04/21/16	04/28/16	05/01/16	04/25/16

Hit Summary Sheet

SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :	TP-3D02								
H2720-01	TP-3D02	SOIL	Acenaphthene	210.000	J	10.4	36.9	370	ug/Kg
H2720-01	TP-3D02	SOIL	Fluorene	200.000	J	13.9	36.9	370	ug/Kg
H2720-01	TP-3D02	SOIL	Phenanthrene	1,300.000		10	36.9	370	ug/Kg
H2720-01	TP-3D02	SOIL	Anthracene	370.000		7.5	36.9	370	ug/Kg
H2720-01	TP-3D02	SOIL	Fluoranthene	1,600.000		7.4	36.9	370	ug/Kg
H2720-01	TP-3D02	SOIL	Pyrene	1,300.000		8.9	36.9	370	ug/Kg
H2720-01	TP-3D02	SOIL	Benzo(a)anthracene	1,100.000		17.6	36.9	370	ug/Kg
H2720-01	TP-3D02	SOIL	Chrysene	690.000		16.7	36.9	370	ug/Kg
H2720-01	TP-3D02	SOIL	Benzo(b)fluoranthene	1,200.000		12.1	36.9	370	ug/Kg
H2720-01	TP-3D02	SOIL	Benzo(k)fluoranthene	250.000	J	17.4	36.9	370	ug/Kg
H2720-01	TP-3D02	SOIL	Benzo(a)pyrene	790.000		8	36.9	370	ug/Kg
H2720-01	TP-3D02	SOIL	Indeno(1,2,3-cd)pyrene	400.000		12.3	36.9	370	ug/Kg
H2720-01	TP-3D02	SOIL	Dibenzo(a,h)anthracene	130.000	J	10.6	36.9	370	ug/Kg
H2720-01	TP-3D02	SOIL	Benzo(g,h,i)perylene	340.000	J	14.9	36.9	370	ug/Kg
Total Svoc :				9,880.00					
H2720-01	TP-3D02	SOIL	1H-Cyclopropa[l]phenanthrene, 1a *	190.000	J	0		0	ug/Kg
H2720-01	TP-3D02	SOIL	2-Pentanone, 4-hydroxy-4-methyl. *	460.000	AB	0		0	ug/Kg
H2720-01	TP-3D02	SOIL	2-Phenylnaphthalene *	180.000	J	0		0	ug/Kg
H2720-01	TP-3D02	SOIL	4H-Cyclopenta[def]phenanthrene *	810.000	J	0		0	ug/Kg
H2720-01	TP-3D02	SOIL	9,10-Anthracenedione *	190.000	J	0		0	ug/Kg
H2720-01	TP-3D02	SOIL	9H-Fluorene, 2-methyl- *	260.000	J	0		0	ug/Kg
H2720-01	TP-3D02	SOIL	Benzo[e]pyrene *	350.000	J	0		0	ug/Kg
H2720-01	TP-3D02	SOIL	Eicosane *	220.000	J	0		0	ug/Kg
H2720-01	TP-3D02	SOIL	Phenanthrene, 2,5-dimethyl- *	250.000	J	0		0	ug/Kg
H2720-01	TP-3D02	SOIL	Phenanthrene, 2-methyl- *	410.000	J	0		0	ug/Kg
H2720-01	TP-3D02	SOIL	Pyrene, 1-methyl- *	310.000	J	0		0	ug/Kg
H2720-01	TP-3D02	SOIL	unknown12.31 *	210.000	J	0		0	ug/Kg
H2720-01	TP-3D02	SOIL	unknown14.60 *	490.000	J	0		0	ug/Kg
H2720-01	TP-3D02	SOIL	unknown6.48 *	6,500.000	J	0		0	ug/Kg
H2720-01	TP-3D02	SOIL	Xanthene, 9,9-dimethyl- *	230.000	J	0		0	ug/Kg
H2720-01	TP-3D02	SOIL	Dimethylphtalate *	340.000	J	10		370	ug/Kg
H2720-01	TP-3D02	SOIL	Dibenzofuran *	90.700	J	14.4		370	ug/Kg
H2720-01	TP-3D02	SOIL	Carbazole *	160.000	J	8.1		370	ug/Kg
Total Tics :				11,650.70					
Total Concentration:				21,530.70					
Client ID :	TP-1D46								
H2720-02	TP-1D46	SOIL	Eicosane *	110.000	J	0		0	ug/Kg
H2720-02	TP-1D46	SOIL	Trichloroacetic acid, pentadecyl e *	170.000	J	0		0	ug/Kg
H2720-02	TP-1D46	SOIL	unknown6.53 *	4,100.000	JB	0		0	ug/Kg

Hit Summary Sheet SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
H2720-02	TP-1D46	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	230.000	AB	0		0	ug/Kg
H2720-02	TP-1D46	SOIL	Dimethylphthalate *	440.000	J	11.7		430	ug/Kg
Total Tics :				5,050.00					
Total Concentration:				5,050.00					

Client ID : TP-5D24

H2720-03	TP-5D24	SOIL	Hexadecane *	96.000	J	0		0	ug/Kg
H2720-03	TP-5D24	SOIL	unknown6.53 *	3,300.000	JB	0		0	ug/Kg
H2720-03	TP-5D24	SOIL	1-Docosene *	390.000	J	0		0	ug/Kg
H2720-03	TP-5D24	SOIL	2-Pentanone, 4-hydroxy-4-methyl *	190.000	AB	0		0	ug/Kg
H2720-03	TP-5D24	SOIL	Dimethylphthalate *	340.000	J	11.2		410	ug/Kg
Total Tics :				4,316.00					
Total Concentration:				4,316.00					

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-3D02	SDG No.:	H2720
Lab Sample ID:	H2720-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	9.7
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086806.D	1	04/28/16 10:31	05/08/16 06:42	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
208-96-8	Acenaphthylene	370	U	9.3	36.9	370	ug/Kg
83-32-9	Acenaphthene	210	J	10.4	36.9	370	ug/Kg
86-73-7	Fluorene	200	J	13.9	36.9	370	ug/Kg
85-01-8	Phenanthrene	1300		10	36.9	370	ug/Kg
120-12-7	Anthracene	370		7.5	36.9	370	ug/Kg
206-44-0	Fluoranthene	1600		7.4	36.9	370	ug/Kg
129-00-0	Pyrene	1300		8.9	36.9	370	ug/Kg
56-55-3	Benzo(a)anthracene	1100		17.6	36.9	370	ug/Kg
218-01-9	Chrysene	690		16.7	36.9	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		12.1	36.9	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	J	17.4	36.9	370	ug/Kg
50-32-8	Benzo(a)pyrene	790		8	36.9	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	400		12.3	36.9	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	10.6	36.9	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	340	J	14.9	36.9	370	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	87.4		31 - 132		87%	SPK: 100
321-60-8	2-Fluorobiphenyl	96		39 - 123		96%	SPK: 100
1718-51-0	Terphenyl-d14	81.5		37 - 115		82%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197317	6.7				
1146-65-2	Naphthalene-d8	749439	7.98				
15067-26-2	Acenaphthene-d10	327582	9.73				
1517-22-2	Phenanthrene-d10	565247	11.22				
1719-03-5	Chrysene-d12	352414	13.85				
1520-96-3	Perylene-d12	338605	15.23				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	460	AB			4.89	ug/Kg
	unknown6.48	6500	J			6.48	ug/Kg
131-11-3	Dimethylphthalate	340	J			9.47	ug/Kg
132-64-9	Dibenzofuran	90.7	J			9.94	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-3D02	SDG No.:	H2720
Lab Sample ID:	H2720-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	9.7
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086806.D	1	04/28/16 10:31	05/08/16 06:42	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000112-95-8	Eicosane	220	J			10.18	ug/Kg
001430-97-3	9H-Fluorene, 2-methyl-	260	J			10.83	ug/Kg
019814-75-6	Xanthene, 9,9-dimethyl-	230	J			10.98	ug/Kg
86-74-8	Carbazole	160	J			11.46	ug/Kg
002531-84-2	Phenanthrene, 2-methyl-	410	J			11.71	ug/Kg
000949-41-7	1H-Cyclopropa[l]phenanthrene, 1a,9b	190	J			11.79	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	810	J			11.83	ug/Kg
035465-71-5	2-Phenylnaphthalene	180	J			12.01	ug/Kg
000084-65-1	9,10-Anthracenedione	190	J			12.04	ug/Kg
003674-66-6	Phenanthrene, 2,5-dimethyl-	250	J			12.26	ug/Kg
	unknown12.31	210	J			12.31	ug/Kg
002381-21-7	Pyrene, 1-methyl-	310	J			12.98	ug/Kg
	unknown14.60	490	J			14.6	ug/Kg
000192-97-2	Benzo[e]pyrene	350	J			14.95	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-1D46	SDG No.:	H2720
Lab Sample ID:	H2720-02	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	23.3
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086544.D	1	04/28/16 10:31	05/01/16 01:54	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
208-96-8	Acenaphthylene	430	U	10.9	43.3	430	ug/Kg
83-32-9	Acenaphthene	430	U	12.2	43.3	430	ug/Kg
86-73-7	Fluorene	430	U	16.4	43.3	430	ug/Kg
85-01-8	Phenanthrene	430	U	11.7	43.3	430	ug/Kg
120-12-7	Anthracene	430	U	8.8	43.3	430	ug/Kg
206-44-0	Fluoranthene	430	U	8.7	43.3	430	ug/Kg
129-00-0	Pyrene	430	U	10.4	43.3	430	ug/Kg
56-55-3	Benzo(a)anthracene	430	U	20.7	43.3	430	ug/Kg
218-01-9	Chrysene	430	U	19.6	43.3	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	430	U	14.2	43.3	430	ug/Kg
207-08-9	Benzo(k)fluoranthene	430	U	20.4	43.3	430	ug/Kg
50-32-8	Benzo(a)pyrene	430	U	9.4	43.3	430	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	430	U	14.4	43.3	430	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	430	U	12.5	43.3	430	ug/Kg
191-24-2	Benzo(g,h,i)perylene	430	U	17.5	43.3	430	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	90.3		31 - 132		90%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.9		39 - 123		80%	SPK: 100
1718-51-0	Terphenyl-d14	66.5		37 - 115		67%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130152	6.76				
1146-65-2	Naphthalene-d8	555097	8.05				
15067-26-2	Acenaphthene-d10	277614	9.8				
1517-22-2	Phenanthrene-d10	528037	11.28				
1719-03-5	Chrysene-d12	439482	13.91				
1520-96-3	Perylene-d12	327514	15.3				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	AB			4.93	ug/Kg
	unknown6.53	4100	JB			6.53	ug/Kg
131-11-3	Dimethylphthalate	440	J			9.53	ug/Kg
000112-95-8	Eicosane	110	J			10.72	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-1D46	SDG No.:	H2720
Lab Sample ID:	H2720-02	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	23.3
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group2
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086544.D	1	04/28/16 10:31	05/01/16 01:54	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
074339-53-0	Trichloroacetic acid, pentadecyl e	170	J			13.78	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-5D24	SDG No.:	H2720
Lab Sample ID:	H2720-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19.6
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086545.D	1	04/28/16 10:31	05/01/16 02:22	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
208-96-8	Acenaphthylene	410	U	10.4	41.4	410	ug/Kg
83-32-9	Acenaphthene	410	U	11.7	41.4	410	ug/Kg
86-73-7	Fluorene	410	U	15.6	41.4	410	ug/Kg
85-01-8	Phenanthrene	410	U	11.2	41.4	410	ug/Kg
120-12-7	Anthracene	410	U	8.4	41.4	410	ug/Kg
206-44-0	Fluoranthene	410	U	8.3	41.4	410	ug/Kg
129-00-0	Pyrene	410	U	9.9	41.4	410	ug/Kg
56-55-3	Benzo(a)anthracene	410	U	19.7	41.4	410	ug/Kg
218-01-9	Chrysene	410	U	18.7	41.4	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	410	U	13.5	41.4	410	ug/Kg
207-08-9	Benzo(k)fluoranthene	410	U	19.5	41.4	410	ug/Kg
50-32-8	Benzo(a)pyrene	410	U	8.9	41.4	410	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	410	U	13.8	41.4	410	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	410	U	11.9	41.4	410	ug/Kg
191-24-2	Benzo(g,h,i)perylene	410	U	16.8	41.4	410	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	71.3		31 - 132		71%	SPK: 100
321-60-8	2-Fluorobiphenyl	59.4		39 - 123		59%	SPK: 100
1718-51-0	Terphenyl-d14	52.4		37 - 115		52%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	134007	6.76				
1146-65-2	Naphthalene-d8	585952	8.05				
15067-26-2	Acenaphthene-d10	289507	9.8				
1517-22-2	Phenanthrene-d10	557553	11.28				
1719-03-5	Chrysene-d12	454448	13.91				
1520-96-3	Perylene-d12	338631	15.3				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	190	AB			4.93	ug/Kg
	unknown6.53	3300	JB			6.53	ug/Kg
131-11-3	Dimethylphthalate	340	J			9.53	ug/Kg
000544-76-3	Hexadecane	96	J			10.72	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-5D24	SDG No.:	H2720
Lab Sample ID:	H2720-03	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	19.6
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086545.D	1	04/28/16 10:31	05/01/16 02:22	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
001599-67-3	1-Docosene	390	J			13.77	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: 8270D

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
H2720-01	TP-3D02	Nitrobenzene-d5	100	87.41	87		31	132
		2-Fluorobiphenyl	100	95.99	96		39	123
		Terphenyl-d14	100	81.54	82		37	115
H2720-02	TP-1D46	Nitrobenzene-d5	100	90.33	90		31	132
		2-Fluorobiphenyl	100	79.89	80		39	123
		Terphenyl-d14	100	66.53	67		37	115
H2720-03	TP-5D24	Nitrobenzene-d5	100	71.28	71		31	132
		2-Fluorobiphenyl	100	59.41	59		39	123
		Terphenyl-d14	100	52.41	52		37	115
H2720-10MS	SS5MS	Nitrobenzene-d5	100	81.68	82		31	132
		2-Fluorobiphenyl	100	80.38	80		39	123
		Terphenyl-d14	100	73.75	74		37	115
H2720-11MSD	SS5MSD	Nitrobenzene-d5	100	84.19	84		31	132
		2-Fluorobiphenyl	100	87.54	88		39	123
		Terphenyl-d14	100	77.67	78		37	115
PB90161BL	PB90161BL	Nitrobenzene-d5	100	73.10	73		31	132
		2-Fluorobiphenyl	100	71.57	72		39	123
		Terphenyl-d14	100	57.82	58		37	115
PB90161BS	PB90161BS	Nitrobenzene-d5	100	65.77	66		31	132
		2-Fluorobiphenyl	100	71.93	72		39	123
		Terphenyl-d14	100	59.16	59		37	115

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8270D

Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
		Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	H2720-10MS	Client Sample ID:		SS5MS				DataFile:	BF086547.D		
Acenaphthylene	2100	0	1600	ug/Kg	76				45	117	
Acenaphthene	2100	0	1800	ug/Kg	86				45	118	
Fluorene	2100	0	1500	ug/Kg	71				41	121	
Phenanthrene	2100	0	1600	ug/Kg	76				29	138	
Anthracene	2100	0	1600	ug/Kg	76				45	120	
Fluoranthene	2100	0	1600	ug/Kg	76				33	133	
Pyrene	2100	0	1700	ug/Kg	81				31	135	
Benzo(a)anthracene	2100	0	1800	ug/Kg	86				35	132	
Chrysene	2100	0	1500	ug/Kg	71				34	131	
Benzo(b)fluoranthene	2100	0	1900	ug/Kg	90				35	128	
Benzo(k)fluoranthene	2100	0	1300	ug/Kg	62				39	117	
Benzo(a)pyrene	2100	0	1700	ug/Kg	81				35	129	
Indeno(1,2,3-cd)pyrene	2100	0	2100	ug/Kg	100				30	140	
Dibenz(a,h)anthracene	2100	0	2000	ug/Kg	95				18	147	
Benzo(g,h,i)perylene	2100	0	2000	ug/Kg	95				31	132	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: SW8270D

Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
		Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	H2720-11MSD	Client Sample ID:	SS5MSD					DataFile:	BF086548.D		
Acenaphthylene	2100	0	1700	ug/Kg	81	6			45	117	20
Acenaphthene	2100	0	1700	ug/Kg	81	6			45	118	20
Fluorene	2100	0	1500	ug/Kg	71	0			41	121	20
Phenanthrene	2100	0	1700	ug/Kg	81	6			29	138	20
Anthracene	2100	0	1700	ug/Kg	81	6			45	120	20
Fluoranthene	2100	0	1700	ug/Kg	81	6			33	133	20
Pyrene	2100	0	1700	ug/Kg	81	0			31	135	20
Benzo(a)anthracene	2100	0	1800	ug/Kg	86	0			35	132	20
Chrysene	2100	0	1600	ug/Kg	76	7			34	131	20
Benzo(b)fluoranthene	2100	0	2000	ug/Kg	95	5			35	128	20
Benzo(k)fluoranthene	2100	0	1400	ug/Kg	67	8			39	117	20
Benzo(a)pyrene	2100	0	1800	ug/Kg	86	6			35	129	20
Indeno(1,2,3-cd)pyrene	2100	0	2200	ug/Kg	105	5			30	140	20
Dibenz(a,h)anthracene	2100	0	2000	ug/Kg	95	0			18	147	20
Benzo(g,h,i)perylene	2100	0	2000	ug/Kg	95	0			31	132	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: 8270D DataFile: BF086533.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB90161BS	Acenaphthylene	1700	1100	ug/Kg	65				57	101		
	Acenaphthene	1700	1200	ug/Kg	71				57	102		
	Fluorene	1700	1000	ug/Kg	59				57	101		
	Phenanthrene	1700	1100	ug/Kg	65				58	101		
	Anthracene	1700	1100	ug/Kg	65				57	102		
	Fluoranthene	1700	1100	ug/Kg	65				56	102		
	Pyrene	1700	1000	ug/Kg	59				56	106		
	Benzo(a)anthracene	1700	1100	ug/Kg	65				56	103		
	Chrysene	1700	1000	ug/Kg	59				58	102		
	Benzo(b)fluoranthene	1700	1300	ug/Kg	76				56	103		
	Benzo(k)fluoranthene	1700	970	ug/Kg	57				55	102		
	Benzo(a)pyrene	1700	1100	ug/Kg	65				57	103		
	Indeno(1,2,3-cd)pyrene	1700	1100	ug/Kg	65				50	113		
	Dibenz(a,h)anthracene	1700	1200	ug/Kg	71				52	119		
	Benzo(g,h,i)perylene	1700	1200	ug/Kg	71				56	105		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB90161BL

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2720

SAS No.: H2720 SDG NO.: H2720

Lab File ID: BF086521.D

Lab Sample ID: PB90161BL

Instrument ID: BNA_F

Date Extracted: 04/28/2016

Matrix: (soil/water) SOIL

Date Analyzed: 04/30/2016

Level: (low/med) LOW

Time Analyzed: 14:02

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB90161BS	PB90161BS	BF086533.D	04/30/2016
SS5MS	H2720-10MS	BF086547.D	05/01/2016
SS5MSD	H2720-11MSD	BF086548.D	05/01/2016
TP-3D02	H2720-01	BF086806.D	05/08/2016
TP-1D46	H2720-02	BF086544.D	05/01/2016
TP-5D24	H2720-03	BF086545.D	05/01/2016

COMMENTS:

5B

**SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)**

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2720 SDG NO.: H2720

Lab File ID: BF086413.D

DFTPP Injection Date: 04/27/2016

Instrument ID: BNA_F

DFTPP Injection Time: 09:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	60
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	42.8
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	53.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	23.3
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	89.9
443	15.0 - 24.0% of mass 442	16.9 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDIC02.5	SSTDIC02.5	BF086414.D	04/27/2016	10:28
SSTDIC010	SSTDIC010	BF086415.D	04/27/2016	10:56
SSTDIC025	SSTDIC025	BF086416.D	04/27/2016	11:25
SSTDIC040	SSTDIC040	BF086417.D	04/27/2016	11:53
SSTDIC050	SSTDIC050	BF086418.D	04/27/2016	12:22
SSTDIC060	SSTDIC060	BF086419.D	04/27/2016	12:50
SSTDIC080	SSTDIC080	BF086420.D	04/27/2016	13:19

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2720 SDG NO.: H2720

Lab File ID: BF086512.D

DFTPP Injection Date: 04/30/2016

Instrument ID: BNA_F

DFTPP Injection Time: 09:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	60.4
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	44.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	53.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	23.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	87
443	15.0 - 24.0% of mass 442	16.2 (18.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF086513.D	04/30/2016	09:48
PB90161BL	PB90161BL	BF086521.D	04/30/2016	14:02
PB90161BS	PB90161BS	BF086533.D	04/30/2016	19:43

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2720 SDG NO.: H2720

Lab File ID: BF086537.D

DFTPP Injection Date: 04/30/2016

Instrument ID: BNA_F

DFTPP Injection Time: 21:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	53.9
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	39.3
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	51
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
275	10.0 - 60.0% of mass 198	24.9
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	81.6
443	15.0 - 24.0% of mass 442	14.7 (18) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF086538.D	04/30/2016	23:03
TP-1D46	H2720-02	BF086544.D	05/01/2016	01:54
TP-5D24	H2720-03	BF086545.D	05/01/2016	02:22
SS5MS	H2720-10MS	BF086547.D	05/01/2016	03:20
SS5MSD	H2720-11MSD	BF086548.D	05/01/2016	03:48

5B

**SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)**

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2720 SDG NO.: H2720

Lab File ID: BF086667.D

DFTPP Injection Date: 05/04/2016

Instrument ID: BNA_F

DFTPP Injection Time: 10:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	56.3
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	40.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.4
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.6
442	Greater than 50% of mass 198	89.7
443	15.0 - 24.0% of mass 442	17.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC02.5	SSTDICC02.5	BF086669.D	05/04/2016	11:20
SSTDICC010	SSTDICC010	BF086670.D	05/04/2016	11:48
SSTDICC025	SSTDICC025	BF086671.D	05/04/2016	12:17
SSTDICCC040	SSTDICCC040	BF086672.D	05/04/2016	12:45
SSTDICC050	SSTDICC050	BF086673.D	05/04/2016	13:14
SSTDICC060	SSTDICC060	BF086674.D	05/04/2016	13:42
SSTDICC080	SSTDICC080	BF086675.D	05/04/2016	14:11

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2720 SDG NO.: H2720

Lab File ID: BF086798.D

DFTPP Injection Date: 05/08/2016

Instrument ID: BNA_F

DFTPP Injection Time: 02:51

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	67.9
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	47.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	54.1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	25.5
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.8
442	Greater than 50% of mass 198	92.1
443	15.0 - 24.0% of mass 442	16.6 (18.1) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF086799.D	05/08/2016	03:20
TP-3D02	H2720-01	BF086806.D	05/08/2016	06:42

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2016
 Lab File ID: BF086513.D Time Analyzed: 09:48
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	162789	6.77	689073	8.05	343146	9.81
UPPER LIMIT	325578	7.27	1378150	8.55	686292	10.31
LOWER LIMIT	81394.5	6.27	344537	7.55	171573	9.31
EPA SAMPLE NO.						
01 PB90161BL	124761	6.76	569112	8.05	281598	9.8
02 PB90161BS	133504	6.76	589455	8.05	284978	9.8

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2016

Lab File ID: BF086513.D Time Analyzed: 09:48

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	620798	11.29	421434	13.92	356119	15.31
UPPER LIMIT	1241600	11.79	842868	14.42	712238	15.81
LOWER LIMIT	310399	10.79	210717	13.42	178060	14.81
EPA SAMPLE NO.						
01 PB90161BL	546624	11.29	489222	13.92	377504	15.31
02 PB90161BS	554543	11.29	444108	13.92	348300	15.31

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2016

Lab File ID: BF086538.D Time Analyzed: 23:03

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	156386	6.77	660013	8.05	318488	9.80
UPPER LIMIT	312772	7.27	1320030	8.55	636976	10.3
LOWER LIMIT	78193	6.27	330007	7.55	159244	9.3
EPA SAMPLE NO.						
01 TP-1D46	130152	6.76	555097	8.05	277614	9.8
02 TP-5D24	134007	6.76	585952	8.05	289507	9.8
03 SS5MS	137080	6.76	596365	8.05	284411	9.8
04 SS5MSD	140881	6.76	610462	8.05	295728	9.8

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2016
 Lab File ID: BF086538.D Time Analyzed: 23:03
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	602099	11.29	429547	13.92	356205	15.31
UPPER LIMIT	1204200	11.79	859094	14.42	712410	15.81
LOWER LIMIT	301050	10.79	214774	13.42	178103	14.81
EPA SAMPLE NO.						
01 TP-1D46	528037	11.28	439482	13.91	327514	15.30
02 TP-5D24	557553	11.28	454448	13.91	338631	15.30
03 SS5MS	563829	11.29	386468	13.92	325455	15.31
04 SS5MSD	567401	11.29	388862	13.92	337125	15.31

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720
 EPA Sample No.: SSTDCCC040 Date Analyzed: 05/08/2016
 Lab File ID: BF086799.D Time Analyzed: 03:20
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	246878	6.7	1022230	8.00	464449	9.74
UPPER LIMIT	493756	7.2	2044460	8.5	928898	10.24
LOWER LIMIT	123439	6.2	511115	7.5	232225	9.24
EPA SAMPLE NO.						
01 TP-3D02	197317	6.70	749439	7.98	327582	9.73

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/08/2016

Lab File ID: BF086799.D Time Analyzed: 03:20

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	812387	11.22	487948	13.86	481275	15.23
UPPER LIMIT	1624770	11.72	975896	14.36	962550	15.73
LOWER LIMIT	406194	10.72	243974	13.36	240638	14.73
EPA SAMPLE NO.						
01 TP-3D02	565247	11.22	352414	13.85	338605	15.23

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90161BL	SDG No.:	H2720
Lab Sample ID:	PB90161BL	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086521.D	1	04/28/16 10:31	04/30/16 14:02	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
208-96-8	Acenaphthylene	330	U	8.4	33.3	330	ug/Kg
83-32-9	Acenaphthene	330	U	9.4	33.3	330	ug/Kg
86-73-7	Fluorene	330	U	12.6	33.3	330	ug/Kg
85-01-8	Phenanthrene	330	U	9	33.3	330	ug/Kg
120-12-7	Anthracene	330	U	6.8	33.3	330	ug/Kg
206-44-0	Fluoranthene	330	U	6.7	33.3	330	ug/Kg
129-00-0	Pyrene	330	U	8	33.3	330	ug/Kg
56-55-3	Benzo(a)anthracene	330	U	15.9	33.3	330	ug/Kg
218-01-9	Chrysene	330	U	15.1	33.3	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	330	U	10.9	33.3	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	330	U	15.7	33.3	330	ug/Kg
50-32-8	Benzo(a)pyrene	330	U	7.2	33.3	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330	U	11.1	33.3	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	330	U	9.6	33.3	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330	U	13.5	33.3	330	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	73.1		31 - 132		73%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.6		39 - 123		72%	SPK: 100
1718-51-0	Terphenyl-d14	57.8		37 - 115		58%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	124761	6.76				
1146-65-2	Naphthalene-d8	569112	8.05				
15067-26-2	Acenaphthene-d10	281598	9.8				
1517-22-2	Phenanthrene-d10	546624	11.29				
1719-03-5	Chrysene-d12	489222	13.92				
1520-96-3	Perylene-d12	377504	15.31				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			4.94	ug/Kg
	unknown6.53	2800	J			6.53	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90161BL	SDG No.:	H2720
Lab Sample ID:	PB90161BL	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086521.D	1	04/28/16 10:31	04/30/16 14:02	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90161BS	SDG No.:	H2720
Lab Sample ID:	PB90161BS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086533.D	1	04/28/16 10:31	04/30/16 19:43	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
208-96-8	Acenaphthylene	1100		8.4	33.3	330	ug/Kg
83-32-9	Acenaphthene	1200		9.4	33.3	330	ug/Kg
86-73-7	Fluorene	1000		12.6	33.3	330	ug/Kg
85-01-8	Phenanthrene	1100		9	33.3	330	ug/Kg
120-12-7	Anthracene	1100		6.8	33.3	330	ug/Kg
206-44-0	Fluoranthene	1100		6.7	33.3	330	ug/Kg
129-00-0	Pyrene	1000		8	33.3	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		15.9	33.3	330	ug/Kg
218-01-9	Chrysene	1000		15.1	33.3	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		10.9	33.3	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	970		15.7	33.3	330	ug/Kg
50-32-8	Benzo(a)pyrene	1100		7.2	33.3	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		11.1	33.3	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		9.6	33.3	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		13.5	33.3	330	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	65.8		31 - 132		66%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.9		39 - 123		72%	SPK: 100
1718-51-0	Terphenyl-d14	59.2		37 - 115		59%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	133504	6.76				
1146-65-2	Naphthalene-d8	589455	8.05				
15067-26-2	Acenaphthene-d10	284978	9.8				
1517-22-2	Phenanthrene-d10	554543	11.29				
1719-03-5	Chrysene-d12	444108	13.92				
1520-96-3	Perylene-d12	348300	15.31				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90161BS	SDG No.:	H2720
Lab Sample ID:	PB90161BS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086533.D	1	04/28/16 10:31	04/30/16 19:43	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MS	SDG No.:	H2720
Lab Sample ID:	H2720-10MS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086547.D	1	04/28/16 10:31	05/01/16 03:20	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
208-96-8	Acenaphthylene	1600		10.7	42.3	420	ug/Kg
83-32-9	Acenaphthene	1800		11.9	42.3	420	ug/Kg
86-73-7	Fluorene	1500		16	42.3	420	ug/Kg
85-01-8	Phenanthrene	1600		11.4	42.3	420	ug/Kg
120-12-7	Anthracene	1600		8.6	42.3	420	ug/Kg
206-44-0	Fluoranthene	1600		8.5	42.3	420	ug/Kg
129-00-0	Pyrene	1700		10.2	42.3	420	ug/Kg
56-55-3	Benzo(a)anthracene	1800		20.2	42.3	420	ug/Kg
218-01-9	Chrysene	1500		19.2	42.3	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		13.8	42.3	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		19.9	42.3	420	ug/Kg
50-32-8	Benzo(a)pyrene	1700		9.1	42.3	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		14.1	42.3	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		12.2	42.3	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000		17.1	42.3	420	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	81.7		31 - 132		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.4		39 - 123		80%	SPK: 100
1718-51-0	Terphenyl-d14	73.8		37 - 115		74%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	137080	6.76				
1146-65-2	Naphthalene-d8	596365	8.05				
15067-26-2	Acenaphthene-d10	284411	9.8				
1517-22-2	Phenanthrene-d10	563829	11.29				
1719-03-5	Chrysene-d12	386468	13.92				
1520-96-3	Perylene-d12	325455	15.31				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MS	SDG No.:	H2720
Lab Sample ID:	H2720-10MS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086547.D	1	04/28/16 10:31	05/01/16 03:20	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MSD	SDG No.:	H2720
Lab Sample ID:	H2720-11MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.4
Sample Wt/Vol:	30.12 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086548.D	1	04/28/16 10:31	05/01/16 03:48	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
208-96-8	Acenaphthylene	1700		10.6	42.2	420	ug/Kg
83-32-9	Acenaphthene	1700		11.9	42.2	420	ug/Kg
86-73-7	Fluorene	1500		16	42.2	420	ug/Kg
85-01-8	Phenanthrene	1700		11.4	42.2	420	ug/Kg
120-12-7	Anthracene	1700		8.6	42.2	420	ug/Kg
206-44-0	Fluoranthene	1700		8.5	42.2	420	ug/Kg
129-00-0	Pyrene	1700		10.1	42.2	420	ug/Kg
56-55-3	Benzo(a)anthracene	1800		20.1	42.2	420	ug/Kg
218-01-9	Chrysene	1600		19.1	42.2	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000		13.8	42.2	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		19.9	42.2	420	ug/Kg
50-32-8	Benzo(a)pyrene	1800		9.1	42.2	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		14.1	42.2	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2000		12.2	42.2	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000		17.1	42.2	420	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	84.2		31 - 132		84%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.5		39 - 123		88%	SPK: 100
1718-51-0	Terphenyl-d14	77.7		37 - 115		78%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140881	6.76				
1146-65-2	Naphthalene-d8	610462	8.05				
15067-26-2	Acenaphthene-d10	295728	9.8				
1517-22-2	Phenanthrene-d10	567401	11.29				
1719-03-5	Chrysene-d12	388862	13.92				
1520-96-3	Perylene-d12	337125	15.31				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MSD	SDG No.:	H2720
Lab Sample ID:	H2720-11MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.4
Sample Wt/Vol:	30.12 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086548.D	1	04/28/16 10:31	05/01/16 03:48	PB90161

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

CALIBRATION SUMMARY

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date(s): 04/27/2016 04/27/2016
 Calibration Time(s): 10:28 13:19

LAB FILE ID:		RRF2.5 = BF086414.D			RRF010 = BF086415.D		RRF025 = BF086416.D	
		RRF040 = BF086417.D			RRF050 = BF086418.D		RRF060 = BF086419.D	
COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
2-Fluorophenol	0.978	1.221	1.276	1.123	1.177	1.109	1.160	8.6
Phenol-d6	1.611	1.813	1.665	1.549	1.579	1.627	1.618	6.4
Nitrobenzene-d5	0.341	0.395	0.382	0.374	0.380	0.355	0.371	4.9
2-Fluorobiphenyl		1.495	1.349	1.112	1.137	1.027	1.182	17.0
Acenaphthylene	2.429	2.285	2.002	1.900	1.957	1.779	1.987	14.8
Acenaphthene	1.494	1.462	1.293	1.228	1.261	1.131	1.276	12.4
Fluorene	1.618	1.583	1.334	1.274	1.295	1.206	1.385	12.5
2,4,6-Tribromophenol	0.189	0.236	0.219	0.217	0.221	0.203	0.211	8.0
Phenanthrene	1.128	1.132	1.017	1.060	1.039	1.055	1.050	7.0
Anthracene	1.242	1.188	1.180	1.087	1.082	1.016	1.120	7.5
Fluoranthene	1.122	1.122	1.146	1.051	1.059	0.962	1.059	7.3
Pyrene	1.573	1.481	1.541	1.461	1.504	1.241	1.441	8.8
Terphenyl-d14	1.018	0.993	0.985	0.858	0.901	0.763	0.908	10.4
Benzo (a) anthracene	1.175	1.145	1.099	0.999	1.057	1.038	1.066	7.4
Chrysene	1.302	1.291	1.287	1.115	1.203	0.930	1.159	13.2
Benzo (b) fluoranthene	1.013	1.069	1.419	1.197	1.283	1.191	1.177	12.1
Benzo (k) fluoranthene	1.478	1.453	1.072	1.125	1.115	1.167	1.227	13.6
Benzo (a) pyrene	1.181	1.132	1.124	1.076	1.101	1.101	1.111	3.6
Indeno (1,2,3-cd) pyrene	0.732	0.826	0.855	0.884	0.918	0.863	0.859	7.8
Dibenzo (a,h) anthracene	0.759	0.845	0.854	0.964	0.969	0.949	0.909	10.1
Benzo (g,h,i) perylene	0.803	0.816	0.819	0.965	0.961	0.956	0.911	10.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date(s): 05/04/2016 05/04/2016
 Calibration Time(s): 11:20 14:11

LAB FILE ID:		RRF2.5 = BF086669.D			RRF010 = BF086670.D		RRF025 = BF086671.D	
		RRF040 = BF086672.D			RRF050 = BF086673.D		RRF060 = BF086674.D	
COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
2-Fluorophenol	1.116	1.281	1.276	1.271	1.193	1.125	1.208	5.8
Phenol-d6	1.764	1.804	1.596	1.643	1.543	1.577	1.627	7.4
Nitrobenzene-d5	0.410	0.406	0.409	0.393	0.362	0.388	0.389	5.7
2-Fluorobiphenyl		1.455	1.368	1.223	1.065	1.097	1.220	13.1
Acenaphthylene		2.152	2.001	2.006	1.815	1.697	1.873	11.7
Acenaphthene	1.489	1.328	1.280	1.243	1.112	1.107	1.236	11.8
Fluorene		1.463	1.321	1.321	1.247	1.106	1.241	13.7
2,4,6-Tribromophenol	0.170	0.203	0.207	0.209	0.194	0.182	0.196	7.4
Phenanthrene	1.245	1.146	1.081	1.031	1.057	1.043	1.074	9.5
Anthracene	1.253	1.184	1.239	1.175	1.027	1.001	1.125	10.1
Fluoranthene	1.185	1.128	1.198	1.140	1.027	0.937	1.077	10.7
Pyrene	1.743	1.559	1.604	1.794	1.678	1.481	1.594	10.5
Terphenyl-d14	1.071	0.999	1.056	1.067	0.944	0.878	0.990	8.0
Benzo (a) anthracene	1.228	1.178	1.144	1.156	1.119	1.064	1.131	6.0
Chrysene	1.352	1.212	1.242	1.287	1.293	1.138	1.207	11.8
Benzo (b) fluoranthene	1.079	1.097	1.378	1.268	1.178	1.066	1.202	10.8
Benzo (k) fluoranthene		1.400	1.054	1.035	1.034	1.138	1.132	13.8
Benzo (a) pyrene	1.221	1.131	1.110	1.102	1.083	1.059	1.107	5.3
Indeno (1,2,3-cd) pyrene	0.858	0.887	0.991	1.143	1.172	1.133	1.035	12.2
Dibenzo (a,h) anthracene	1.012	1.053	1.074	1.134	1.083	1.094	1.063	4.5
Benzo (g,h,i) perylene	1.127	1.051	1.100	1.193	1.131	1.149	1.116	4.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date/Time: 04/30/2016 09:48
 Lab File ID: BF086513.D Init. Calib. Date(s): 04/27/2016 04/27/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:28 13:19
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.160	1.254		8.2	
Phenol-d6	1.618	1.704		5.3	
Nitrobenzene-d5	0.371	0.406		9.4	
2-Fluorobiphenyl	1.182	1.202		1.7	
Acenaphthylene	1.987	1.974		-0.7	
Acenaphthene	1.276	1.311		2.7	20.0
Fluorene	1.385	1.253		-9.5	
2,4,6-Tribromophenol	0.211	0.223		5.7	
Phenanthrene	1.050	0.996		-5.1	
Anthracene	1.120	1.136		1.4	
Fluoranthene	1.059	1.140		7.6	20.0
Pyrene	1.441	1.687		17.1	
Terphenyl-d14	0.908	1.011		11.3	
Benzo (a) anthracene	1.066	1.126		5.6	
Chrysene	1.159	1.306		12.7	
Benzo (b) fluoranthene	1.177	1.179		0.2	
Benzo (k) fluoranthene	1.227	1.140		-7.1	
Benzo (a) pyrene	1.111	1.083		-2.5	20.0
Indeno (1,2,3-cd) pyrene	0.859	1.062		23.6	
Dibenzo (a,h) anthracene	0.909	1.037		14.1	
Benzo (g,h,i) perylene	0.911	1.064		16.8	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date/Time: 04/30/2016 23:03
 Lab File ID: BF086538.D Init. Calib. Date(s): 04/27/2016 04/27/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:28 13:19
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.160	1.198		3.4	
Phenol-d6	1.618	1.586		-2.0	
Nitrobenzene-d5	0.371	0.400		7.8	
2-Fluorobiphenyl	1.182	1.261		6.7	
Acenaphthylene	1.987	1.907		-4.0	
Acenaphthene	1.276	1.275		-0.1	20.0
Fluorene	1.385	1.204		-13.1	
2,4,6-Tribromophenol	0.211	0.215		1.9	
Phenanthrene	1.050	0.979		-6.8	
Anthracene	1.120	1.150		2.7	
Fluoranthene	1.059	1.067		0.8	20.0
Pyrene	1.441	1.432		-0.6	
Terphenyl-d14	0.908	0.913		0.6	
Benzo (a) anthracene	1.066	1.086		1.9	
Chrysene	1.159	1.080		-6.8	
Benzo (b) fluoranthene	1.177	1.269		7.8	
Benzo (k) fluoranthene	1.227	1.037		-15.5	
Benzo (a) pyrene	1.111	1.099		-1.1	20.0
Indeno (1,2,3-cd) pyrene	0.859	1.062		23.6	
Dibenzo (a,h) anthracene	0.909	1.063		16.9	
Benzo (g,h,i) perylene	0.911	1.089		19.5	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG No.: H2720
 Instrument ID: BNA_F Calibration Date/Time: 05/08/2016 03:20
 Lab File ID: BF086799.D Init. Calib. Date(s): 05/04/2016 05/04/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:20 14:11
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.208	1.231		1.9	
Phenol-d6	1.627	1.421		-12.7	
Nitrobenzene-d5	0.389	0.379		-2.6	
2-Fluorobiphenyl	1.220	1.114		-8.7	
Acenaphthylene	1.873	1.758		-6.1	
Acenaphthene	1.236	1.105		-10.6	20.0
Fluorene	1.241	1.256		1.2	
2,4,6-Tribromophenol	0.196	0.178		-9.2	
Phenanthrene	1.074	1.050		-2.2	
Anthracene	1.125	0.992		-11.8	
Fluoranthene	1.077	1.039		-3.5	20.0
Pyrene	1.594	1.765		10.7	
Terphenyl-d14	0.990	1.026		3.6	
Benzo (a) anthracene	1.131	1.152		1.9	
Chrysene	1.207	1.346		11.5	
Benzo (b) fluoranthene	1.202	1.370		14.0	
Benzo (k) fluoranthene	1.132	0.895		-20.9	
Benzo (a) pyrene	1.107	1.042		-5.9	20.0
Indeno (1,2,3-cd) pyrene	1.035	1.115		7.7	
Dibenzo (a,h) anthracene	1.063	0.930		-12.5	
Benzo (g,h,i) perylene	1.116	0.927		-16.9	

All other compounds must meet a minimum RRF of 0.010.

LAB CHRONICLE

OrderID: H2720	OrderDate: 4/25/2016 1:46:32 PM
Client: LaBella Associates P.C.	Project: 4185 Military Road, Niagara, NY
Contact: Adam Zebrowski	Location: O23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2720-05	SS1	SOIL	Pesticide-TCL	8081B	04/21/16	04/28/16	04/28/16	04/25/16
H2720-06	SS2	SOIL	Pesticide-TCL	8081B	04/21/16	04/28/16	04/28/16	04/25/16
H2720-07	SS3	SOIL	Pesticide-TCL	8081B	04/22/16	04/28/16	04/28/16	04/25/16
H2720-08	SS4	SOIL	Pesticide-TCL	8081B	04/22/16	04/28/16	04/28/16	04/25/16
H2720-09	SS5	SOIL	Pesticide-TCL	8081B	04/22/16	04/28/16	04/28/16	04/25/16
H2720-12	SS6	SOIL	Pesticide-TCL	8081B	04/22/16	04/28/16	04/28/16	04/25/16
H2720-13	SS7	SOIL	Pesticide-TCL	8081B	04/22/16	04/28/16	04/29/16	04/25/16
H2720-14	DUP	SOIL	Pesticide-TCL	8081B	04/21/16	04/28/16	04/29/16	04/25/16
H2720-15	TP-6D02	SOIL	Pesticide-TCL	8081B	04/21/16	04/28/16	04/29/16	04/25/16
H2720-16	TP-8D46	SOIL	Pesticide-TCL	8081B	04/21/16	04/28/16	04/29/16	04/25/16
H2720-17	TP-10D46	SOIL	Pesticide-TCL	8081B	04/22/16	04/28/16	04/29/16	04/25/16
H2720-18	TP-11D24	SOIL	Pesticide-TCL	8081B	04/22/16	04/28/16	04/29/16	04/25/16

LAB CHRONICLE

H2720-19	TP-13D24	SOIL			04/22/16			04/25/16
			Pesticide-TCL	8081B		04/28/16	04/29/16	
H2720-20	TP-14D02	SOIL			04/22/16			04/25/16
			Pesticide-TCL	8081B		04/28/16	04/29/16	
H2720-21	TP-18D24	SOIL			04/22/16			04/25/16
			Pesticide-TCL	8081B		04/28/16	04/29/16	

Hit Summary Sheet
SW-846

SDG No.: H2720

Order ID: H2720

Client: LaBella Associates P.C.

Project ID: 4185 Military Road, Niagara, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : SS3									
H2720-07	SS3	SOIL	gamma-BHC (Lindane)	1.90		0.166	0.3658	1.9	ug/kg
Total Concentration:				1.90					
Client ID : SS4									
H2720-08	SS4	SOIL	gamma-BHC (Lindane)	1.80	J	0.18	0.395	2	ug/kg
H2720-08	SS4	SOIL	4,4-DDE	4.60	P	0.239	0.395	2	ug/kg
Total Concentration:				6.40					
Client ID : TP-14D02									
H2720-20	TP-14D02	SOIL	gamma-BHC (Lindane)	0.86	J	0.179	0.3933	2	ug/kg
Total Concentration:				0.86					

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS1	SDG No.:	H2720
Lab Sample ID:	H2720-05	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	19.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017574.D	1	04/28/16 11:35	04/28/16 17:48	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2.1	U	0.162	0.411	2.1	ug/kg
319-85-7	beta-BHC	2.1	U	0.224	0.411	2.1	ug/kg
319-86-8	delta-BHC	2.1	U	0.125	0.411	2.1	ug/kg
58-89-9	gamma-BHC (Lindane)	2.1	U	0.187	0.411	2.1	ug/kg
76-44-8	Heptachlor	2.1	U	0.174	0.411	2.1	ug/kg
309-00-2	Aldrin	2.1	U	0.125	0.411	2.1	ug/kg
1024-57-3	Heptachlor epoxide	2.1	U	0.199	0.411	2.1	ug/kg
959-98-8	Endosulfan I	2.1	U	0.187	0.411	2.1	ug/kg
60-57-1	Dieldrin	2.1	U	0.162	0.411	2.1	ug/kg
72-55-9	4,4-DDE	2.1	U	0.249	0.411	2.1	ug/kg
72-20-8	Endrin	2.1	U	0.224	0.411	2.1	ug/kg
33213-65-9	Endosulfan II	2.1	U	0.174	0.411	2.1	ug/kg
72-54-8	4,4-DDD	2.1	U	0.212	0.411	2.1	ug/kg
1031-07-8	Endosulfan Sulfate	2.1	U	0.187	0.411	2.1	ug/kg
50-29-3	4,4-DDT	2.1	U	0.174	0.411	2.1	ug/kg
72-43-5	Methoxychlor	2.1	U	0.212	0.411	2.1	ug/kg
53494-70-5	Endrin ketone	2.1	U	0.162	0.411	2.1	ug/kg
7421-93-4	Endrin aldehyde	2.1	U	0.187	0.411	2.1	ug/kg
5103-71-9	alpha-Chlordane	2.1	U	0.174	0.411	2.1	ug/kg
5103-74-2	gamma-Chlordane	2.1	U	0.162	0.411	2.1	ug/kg
8001-35-2	Toxaphene	21.2	U	4.1	4.1	21.2	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	13.4		10 - 169		67%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.5		31 - 151		77%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS1	SDG No.:	H2720
Lab Sample ID:	H2720-05	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	19.8
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017574.D	1	04/28/16 11:35	04/28/16 17:48	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS2	SDG No.:	H2720
Lab Sample ID:	H2720-06	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	18.3
Sample Wt/Vol:	30.12	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017575.D	1	04/28/16 11:35	04/28/16 18:02	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2.1	U	0.158	0.402	2.1	ug/kg
319-85-7	beta-BHC	2.1	U	0.219	0.402	2.1	ug/kg
319-86-8	delta-BHC	2.1	U	0.122	0.402	2.1	ug/kg
58-89-9	gamma-BHC (Lindane)	2.1	U	0.183	0.402	2.1	ug/kg
76-44-8	Heptachlor	2.1	U	0.171	0.402	2.1	ug/kg
309-00-2	Aldrin	2.1	U	0.122	0.402	2.1	ug/kg
1024-57-3	Heptachlor epoxide	2.1	U	0.195	0.402	2.1	ug/kg
959-98-8	Endosulfan I	2.1	U	0.183	0.402	2.1	ug/kg
60-57-1	Dieldrin	2.1	U	0.158	0.402	2.1	ug/kg
72-55-9	4,4-DDE	2.1	U	0.244	0.402	2.1	ug/kg
72-20-8	Endrin	2.1	U	0.219	0.402	2.1	ug/kg
33213-65-9	Endosulfan II	2.1	U	0.171	0.402	2.1	ug/kg
72-54-8	4,4-DDD	2.1	U	0.207	0.402	2.1	ug/kg
1031-07-8	Endosulfan Sulfate	2.1	U	0.183	0.402	2.1	ug/kg
50-29-3	4,4-DDT	2.1	U	0.171	0.402	2.1	ug/kg
72-43-5	Methoxychlor	2.1	U	0.207	0.402	2.1	ug/kg
53494-70-5	Endrin ketone	2.1	U	0.158	0.402	2.1	ug/kg
7421-93-4	Endrin aldehyde	2.1	U	0.183	0.402	2.1	ug/kg
5103-71-9	alpha-Chlordane	2.1	U	0.171	0.402	2.1	ug/kg
5103-74-2	gamma-Chlordane	2.1	U	0.158	0.402	2.1	ug/kg
8001-35-2	Toxaphene	20.7	U	4.1	4.1	20.7	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	5.23		10 - 169		26%	SPK: 20
877-09-8	Tetrachloro-m-xylene	9.72		31 - 151		49%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS2	SDG No.:	H2720
Lab Sample ID:	H2720-06	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	18.3
Sample Wt/Vol:	30.12	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017575.D	1	04/28/16 11:35	04/28/16 18:02	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS3	SDG No.:	H2720
Lab Sample ID:	H2720-07	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	10
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017576.D	1	04/28/16 11:35	04/28/16 18:16	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	1.9	U	0.144	0.366	1.9	ug/kg
319-85-7	beta-BHC	1.9	U	0.2	0.366	1.9	ug/kg
319-86-8	delta-BHC	1.9	U	0.111	0.366	1.9	ug/kg
58-89-9	gamma-BHC (Lindane)	1.9		0.166	0.366	1.9	ug/kg
76-44-8	Heptachlor	1.9	U	0.155	0.366	1.9	ug/kg
309-00-2	Aldrin	1.9	U	0.111	0.366	1.9	ug/kg
1024-57-3	Heptachlor epoxide	1.9	U	0.177	0.366	1.9	ug/kg
959-98-8	Endosulfan I	1.9	U	0.166	0.366	1.9	ug/kg
60-57-1	Dieldrin	1.9	U	0.144	0.366	1.9	ug/kg
72-55-9	4,4-DDE	1.9	U	0.222	0.366	1.9	ug/kg
72-20-8	Endrin	1.9	U	0.2	0.366	1.9	ug/kg
33213-65-9	Endosulfan II	1.9	U	0.155	0.366	1.9	ug/kg
72-54-8	4,4-DDD	1.9	U	0.188	0.366	1.9	ug/kg
1031-07-8	Endosulfan Sulfate	1.9	U	0.166	0.366	1.9	ug/kg
50-29-3	4,4-DDT	1.9	U	0.155	0.366	1.9	ug/kg
72-43-5	Methoxychlor	1.9	U	0.188	0.366	1.9	ug/kg
53494-70-5	Endrin ketone	1.9	U	0.144	0.366	1.9	ug/kg
7421-93-4	Endrin aldehyde	1.9	U	0.166	0.366	1.9	ug/kg
5103-71-9	alpha-Chlordane	1.9	U	0.155	0.366	1.9	ug/kg
5103-74-2	gamma-Chlordane	1.9	U	0.144	0.366	1.9	ug/kg
8001-35-2	Toxaphene	18.8	U	3.7	3.7	18.8	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	11.4		10 - 169		57%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.2		31 - 151		71%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS3	SDG No.:	H2720
Lab Sample ID:	H2720-07	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	10
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017576.D	1	04/28/16 11:35	04/28/16 18:16	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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P = Indicates >25% difference for detected concentrations between the two GC columns

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS4	SDG No.:	H2720
Lab Sample ID:	H2720-08	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	16.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017577.D	1	04/28/16 11:35	04/28/16 18:30	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2	U	0.156	0.395	2	ug/kg
319-85-7	beta-BHC	2	U	0.216	0.395	2	ug/kg
319-86-8	delta-BHC	2	U	0.12	0.395	2	ug/kg
58-89-9	gamma-BHC (Lindane)	1.8	J	0.18	0.395	2	ug/kg
76-44-8	Heptachlor	2	U	0.168	0.395	2	ug/kg
309-00-2	Aldrin	2	U	0.12	0.395	2	ug/kg
1024-57-3	Heptachlor epoxide	2	U	0.192	0.395	2	ug/kg
959-98-8	Endosulfan I	2	U	0.18	0.395	2	ug/kg
60-57-1	Dieldrin	2	U	0.156	0.395	2	ug/kg
72-55-9	4,4-DDE	4.6	P	0.239	0.395	2	ug/kg
72-20-8	Endrin	2	U	0.216	0.395	2	ug/kg
33213-65-9	Endosulfan II	2	U	0.168	0.395	2	ug/kg
72-54-8	4,4-DDD	2	U	0.204	0.395	2	ug/kg
1031-07-8	Endosulfan Sulfate	2	U	0.18	0.395	2	ug/kg
50-29-3	4,4-DDT	2	U	0.168	0.395	2	ug/kg
72-43-5	Methoxychlor	2	U	0.204	0.395	2	ug/kg
53494-70-5	Endrin ketone	2	U	0.156	0.395	2	ug/kg
7421-93-4	Endrin aldehyde	2	U	0.18	0.395	2	ug/kg
5103-71-9	alpha-Chlordane	2	U	0.168	0.395	2	ug/kg
5103-74-2	gamma-Chlordane	2	U	0.156	0.395	2	ug/kg
8001-35-2	Toxaphene	20.3	U	4	4	20.3	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	10.5		10 - 169		52%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.1		31 - 151		66%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS4	SDG No.:	H2720
Lab Sample ID:	H2720-08	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	16.6
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017577.D	1	04/28/16 11:35	04/28/16 18:30	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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LOD = Limit of Detection

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5	SDG No.:	H2720
Lab Sample ID:	H2720-09	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	21.4
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017578.D	1	04/28/16 11:35	04/28/16 18:44	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2.2	U	0.165	0.419	2.2	ug/kg
319-85-7	beta-BHC	2.2	U	0.228	0.419	2.2	ug/kg
319-86-8	delta-BHC	2.2	U	0.127	0.419	2.2	ug/kg
58-89-9	gamma-BHC (Lindane)	2.2	U	0.19	0.419	2.2	ug/kg
76-44-8	Heptachlor	2.2	U	0.178	0.419	2.2	ug/kg
309-00-2	Aldrin	2.2	U	0.127	0.419	2.2	ug/kg
1024-57-3	Heptachlor epoxide	2.2	U	0.203	0.419	2.2	ug/kg
959-98-8	Endosulfan I	2.2	U	0.19	0.419	2.2	ug/kg
60-57-1	Dieldrin	2.2	U	0.165	0.419	2.2	ug/kg
72-55-9	4,4-DDE	2.2	U	0.254	0.419	2.2	ug/kg
72-20-8	Endrin	2.2	U	0.228	0.419	2.2	ug/kg
33213-65-9	Endosulfan II	2.2	U	0.178	0.419	2.2	ug/kg
72-54-8	4,4-DDD	2.2	U	0.216	0.419	2.2	ug/kg
1031-07-8	Endosulfan Sulfate	2.2	U	0.19	0.419	2.2	ug/kg
50-29-3	4,4-DDT	2.2	U	0.178	0.419	2.2	ug/kg
72-43-5	Methoxychlor	2.2	U	0.216	0.419	2.2	ug/kg
53494-70-5	Endrin ketone	2.2	U	0.165	0.419	2.2	ug/kg
7421-93-4	Endrin aldehyde	2.2	U	0.19	0.419	2.2	ug/kg
5103-71-9	alpha-Chlordane	2.2	U	0.178	0.419	2.2	ug/kg
5103-74-2	gamma-Chlordane	2.2	U	0.165	0.419	2.2	ug/kg
8001-35-2	Toxaphene	21.6	U	4.2	4.2	21.6	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	9.07		10 - 169		45%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13		31 - 151		65%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5	SDG No.:	H2720
Lab Sample ID:	H2720-09	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	21.4
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017578.D	1	04/28/16 11:35	04/28/16 18:44	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS6	SDG No.:	H2720
Lab Sample ID:	H2720-12	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	19
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017581.D	1	04/28/16 11:35	04/28/16 19:26	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2.1	U	0.16	0.406	2.1	ug/kg
319-85-7	beta-BHC	2.1	U	0.222	0.406	2.1	ug/kg
319-86-8	delta-BHC	2.1	U	0.123	0.406	2.1	ug/kg
58-89-9	gamma-BHC (Lindane)	2.1	U	0.185	0.406	2.1	ug/kg
76-44-8	Heptachlor	2.1	U	0.172	0.406	2.1	ug/kg
309-00-2	Aldrin	2.1	U	0.123	0.406	2.1	ug/kg
1024-57-3	Heptachlor epoxide	2.1	U	0.197	0.406	2.1	ug/kg
959-98-8	Endosulfan I	2.1	U	0.185	0.406	2.1	ug/kg
60-57-1	Dieldrin	2.1	U	0.16	0.406	2.1	ug/kg
72-55-9	4,4-DDE	2.1	U	0.246	0.406	2.1	ug/kg
72-20-8	Endrin	2.1	U	0.222	0.406	2.1	ug/kg
33213-65-9	Endosulfan II	2.1	U	0.172	0.406	2.1	ug/kg
72-54-8	4,4-DDD	2.1	U	0.209	0.406	2.1	ug/kg
1031-07-8	Endosulfan Sulfate	2.1	U	0.185	0.406	2.1	ug/kg
50-29-3	4,4-DDT	2.1	U	0.172	0.406	2.1	ug/kg
72-43-5	Methoxychlor	2.1	U	0.209	0.406	2.1	ug/kg
53494-70-5	Endrin ketone	2.1	U	0.16	0.406	2.1	ug/kg
7421-93-4	Endrin aldehyde	2.1	U	0.185	0.406	2.1	ug/kg
5103-71-9	alpha-Chlordane	2.1	U	0.172	0.406	2.1	ug/kg
5103-74-2	gamma-Chlordane	2.1	U	0.16	0.406	2.1	ug/kg
8001-35-2	Toxaphene	20.9	U	4.1	4.1	20.9	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	8.23		10 - 169		41%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.8		31 - 151		69%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS6	SDG No.:	H2720
Lab Sample ID:	H2720-12	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	19
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017581.D	1	04/28/16 11:35	04/28/16 19:26	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS7	SDG No.:	H2720
Lab Sample ID:	H2720-13	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	12.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017588.D	1	04/28/16 11:35	04/29/16 11:43	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	1.9	U	0.149	0.378	1.9	ug/kg
319-85-7	beta-BHC	1.9	U	0.206	0.378	1.9	ug/kg
319-86-8	delta-BHC	1.9	U	0.115	0.378	1.9	ug/kg
58-89-9	gamma-BHC (Lindane)	1.9	U	0.172	0.378	1.9	ug/kg
76-44-8	Heptachlor	1.9	U	0.16	0.378	1.9	ug/kg
309-00-2	Aldrin	1.9	U	0.115	0.378	1.9	ug/kg
1024-57-3	Heptachlor epoxide	1.9	U	0.183	0.378	1.9	ug/kg
959-98-8	Endosulfan I	1.9	U	0.172	0.378	1.9	ug/kg
60-57-1	Dieldrin	1.9	U	0.149	0.378	1.9	ug/kg
72-55-9	4,4-DDE	1.9	U	0.229	0.378	1.9	ug/kg
72-20-8	Endrin	1.9	U	0.206	0.378	1.9	ug/kg
33213-65-9	Endosulfan II	1.9	U	0.16	0.378	1.9	ug/kg
72-54-8	4,4-DDD	1.9	U	0.195	0.378	1.9	ug/kg
1031-07-8	Endosulfan Sulfate	1.9	U	0.172	0.378	1.9	ug/kg
50-29-3	4,4-DDT	1.9	U	0.16	0.378	1.9	ug/kg
72-43-5	Methoxychlor	1.9	U	0.195	0.378	1.9	ug/kg
53494-70-5	Endrin ketone	1.9	U	0.149	0.378	1.9	ug/kg
7421-93-4	Endrin aldehyde	1.9	U	0.172	0.378	1.9	ug/kg
5103-71-9	alpha-Chlordane	1.9	U	0.16	0.378	1.9	ug/kg
5103-74-2	gamma-Chlordane	1.9	U	0.149	0.378	1.9	ug/kg
8001-35-2	Toxaphene	19.5	U	3.8	3.8	19.5	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	13.7		10 - 169		68%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.7		31 - 151		64%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS7	SDG No.:	H2720
Lab Sample ID:	H2720-13	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	12.9
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017588.D	1	04/28/16 11:35	04/29/16 11:43	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	DUP	SDG No.:	H2720
Lab Sample ID:	H2720-14	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	19.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017589.D	1	04/28/16 11:35	04/29/16 11:57	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2.1	U	0.162	0.41	2.1	ug/kg
319-85-7	beta-BHC	2.1	U	0.224	0.41	2.1	ug/kg
319-86-8	delta-BHC	2.1	U	0.124	0.41	2.1	ug/kg
58-89-9	gamma-BHC (Lindane)	2.1	U	0.186	0.41	2.1	ug/kg
76-44-8	Heptachlor	2.1	U	0.174	0.41	2.1	ug/kg
309-00-2	Aldrin	2.1	U	0.124	0.41	2.1	ug/kg
1024-57-3	Heptachlor epoxide	2.1	U	0.199	0.41	2.1	ug/kg
959-98-8	Endosulfan I	2.1	U	0.186	0.41	2.1	ug/kg
60-57-1	Dieldrin	2.1	U	0.162	0.41	2.1	ug/kg
72-55-9	4,4-DDE	2.1	U	0.248	0.41	2.1	ug/kg
72-20-8	Endrin	2.1	U	0.224	0.41	2.1	ug/kg
33213-65-9	Endosulfan II	2.1	U	0.174	0.41	2.1	ug/kg
72-54-8	4,4-DDD	2.1	U	0.211	0.41	2.1	ug/kg
1031-07-8	Endosulfan Sulfate	2.1	U	0.186	0.41	2.1	ug/kg
50-29-3	4,4-DDT	2.1	U	0.174	0.41	2.1	ug/kg
72-43-5	Methoxychlor	2.1	U	0.211	0.41	2.1	ug/kg
53494-70-5	Endrin ketone	2.1	U	0.162	0.41	2.1	ug/kg
7421-93-4	Endrin aldehyde	2.1	U	0.186	0.41	2.1	ug/kg
5103-71-9	alpha-Chlordane	2.1	U	0.174	0.41	2.1	ug/kg
5103-74-2	gamma-Chlordane	2.1	U	0.162	0.41	2.1	ug/kg
8001-35-2	Toxaphene	21.1	U	4.1	4.1	21.1	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	5.99		10 - 169		30%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.1		31 - 151		66%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	DUP	SDG No.:	H2720
Lab Sample ID:	H2720-14	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	19.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017589.D	1	04/28/16 11:35	04/29/16 11:57	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-6D02	SDG No.:	H2720
Lab Sample ID:	H2720-15	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	15.5
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017590.D	1	04/28/16 11:35	04/29/16 12:11	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2	U	0.153	0.389	2	ug/kg
319-85-7	beta-BHC	2	U	0.212	0.389	2	ug/kg
319-86-8	delta-BHC	2	U	0.118	0.389	2	ug/kg
58-89-9	gamma-BHC (Lindane)	2	U	0.177	0.389	2	ug/kg
76-44-8	Heptachlor	2	U	0.165	0.389	2	ug/kg
309-00-2	Aldrin	2	U	0.118	0.389	2	ug/kg
1024-57-3	Heptachlor epoxide	2	U	0.189	0.389	2	ug/kg
959-98-8	Endosulfan I	2	U	0.177	0.389	2	ug/kg
60-57-1	Dieldrin	2	U	0.153	0.389	2	ug/kg
72-55-9	4,4-DDE	2	U	0.236	0.389	2	ug/kg
72-20-8	Endrin	2	U	0.212	0.389	2	ug/kg
33213-65-9	Endosulfan II	2	U	0.165	0.389	2	ug/kg
72-54-8	4,4-DDD	2	U	0.201	0.389	2	ug/kg
1031-07-8	Endosulfan Sulfate	2	U	0.177	0.389	2	ug/kg
50-29-3	4,4-DDT	2	U	0.165	0.389	2	ug/kg
72-43-5	Methoxychlor	2	U	0.201	0.389	2	ug/kg
53494-70-5	Endrin ketone	2	U	0.153	0.389	2	ug/kg
7421-93-4	Endrin aldehyde	2	U	0.177	0.389	2	ug/kg
5103-71-9	alpha-Chlordane	2	U	0.165	0.389	2	ug/kg
5103-74-2	gamma-Chlordane	2	U	0.153	0.389	2	ug/kg
8001-35-2	Toxaphene	20.1	U	3.9	3.9	20.1	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	8.23		10 - 169		41%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.1		31 - 151		80%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-6D02	SDG No.:	H2720
Lab Sample ID:	H2720-15	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	15.5
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017590.D	1	04/28/16 11:35	04/29/16 12:11	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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P = Indicates >25% difference for detected concentrations between the two GC columns

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-8D46	SDG No.:	H2720
Lab Sample ID:	H2720-16	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	26.9
Sample Wt/Vol:	30.11	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017591.D	1	04/28/16 11:35	04/29/16 12:25	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2.3	U	0.177	0.45	2.3	ug/kg
319-85-7	beta-BHC	2.3	U	0.245	0.45	2.3	ug/kg
319-86-8	delta-BHC	2.3	U	0.136	0.45	2.3	ug/kg
58-89-9	gamma-BHC (Lindane)	2.3	U	0.204	0.45	2.3	ug/kg
76-44-8	Heptachlor	2.3	U	0.191	0.45	2.3	ug/kg
309-00-2	Aldrin	2.3	U	0.136	0.45	2.3	ug/kg
1024-57-3	Heptachlor epoxide	2.3	U	0.218	0.45	2.3	ug/kg
959-98-8	Endosulfan I	2.3	U	0.204	0.45	2.3	ug/kg
60-57-1	Dieldrin	2.3	U	0.177	0.45	2.3	ug/kg
72-55-9	4,4-DDE	2.3	U	0.273	0.45	2.3	ug/kg
72-20-8	Endrin	2.3	U	0.245	0.45	2.3	ug/kg
33213-65-9	Endosulfan II	2.3	U	0.191	0.45	2.3	ug/kg
72-54-8	4,4-DDD	2.3	U	0.232	0.45	2.3	ug/kg
1031-07-8	Endosulfan Sulfate	2.3	U	0.204	0.45	2.3	ug/kg
50-29-3	4,4-DDT	2.3	U	0.191	0.45	2.3	ug/kg
72-43-5	Methoxychlor	2.3	U	0.232	0.45	2.3	ug/kg
53494-70-5	Endrin ketone	2.3	U	0.177	0.45	2.3	ug/kg
7421-93-4	Endrin aldehyde	2.3	U	0.204	0.45	2.3	ug/kg
5103-71-9	alpha-Chlordane	2.3	U	0.191	0.45	2.3	ug/kg
5103-74-2	gamma-Chlordane	2.3	U	0.177	0.45	2.3	ug/kg
8001-35-2	Toxaphene	23.2	U	4.5	4.5	23.2	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	13		10 - 169		65%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14		31 - 151		70%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-8D46	SDG No.:	H2720
Lab Sample ID:	H2720-16	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	26.9
Sample Wt/Vol:	30.11	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017591.D	1	04/28/16 11:35	04/29/16 12:25	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-10D46	SDG No.:	H2720
Lab Sample ID:	H2720-17	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	19.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017592.D	1	04/28/16 11:35	04/29/16 12:39	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2.1	U	0.162	0.41	2.1	ug/kg
319-85-7	beta-BHC	2.1	U	0.224	0.41	2.1	ug/kg
319-86-8	delta-BHC	2.1	U	0.124	0.41	2.1	ug/kg
58-89-9	gamma-BHC (Lindane)	2.1	U	0.187	0.41	2.1	ug/kg
76-44-8	Heptachlor	2.1	U	0.174	0.41	2.1	ug/kg
309-00-2	Aldrin	2.1	U	0.124	0.41	2.1	ug/kg
1024-57-3	Heptachlor epoxide	2.1	U	0.199	0.41	2.1	ug/kg
959-98-8	Endosulfan I	2.1	U	0.187	0.41	2.1	ug/kg
60-57-1	Dieldrin	2.1	U	0.162	0.41	2.1	ug/kg
72-55-9	4,4-DDE	2.1	U	0.249	0.41	2.1	ug/kg
72-20-8	Endrin	2.1	U	0.224	0.41	2.1	ug/kg
33213-65-9	Endosulfan II	2.1	U	0.174	0.41	2.1	ug/kg
72-54-8	4,4-DDD	2.1	U	0.211	0.41	2.1	ug/kg
1031-07-8	Endosulfan Sulfate	2.1	U	0.187	0.41	2.1	ug/kg
50-29-3	4,4-DDT	2.1	U	0.174	0.41	2.1	ug/kg
72-43-5	Methoxychlor	2.1	U	0.211	0.41	2.1	ug/kg
53494-70-5	Endrin ketone	2.1	U	0.162	0.41	2.1	ug/kg
7421-93-4	Endrin aldehyde	2.1	U	0.187	0.41	2.1	ug/kg
5103-71-9	alpha-Chlordane	2.1	U	0.174	0.41	2.1	ug/kg
5103-74-2	gamma-Chlordane	2.1	U	0.162	0.41	2.1	ug/kg
8001-35-2	Toxaphene	21.1	U	4.1	4.1	21.1	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	11.2		10 - 169		56%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.6		31 - 151		73%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-10D46	SDG No.:	H2720
Lab Sample ID:	H2720-17	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	19.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017592.D	1	04/28/16 11:35	04/29/16 12:39	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-11D24	SDG No.:	H2720
Lab Sample ID:	H2720-18	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	22.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017593.D	1	04/28/16 11:35	04/29/16 12:53	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2.2	U	0.168	0.426	2.2	ug/kg
319-85-7	beta-BHC	2.2	U	0.232	0.426	2.2	ug/kg
319-86-8	delta-BHC	2.2	U	0.129	0.426	2.2	ug/kg
58-89-9	gamma-BHC (Lindane)	2.2	U	0.194	0.426	2.2	ug/kg
76-44-8	Heptachlor	2.2	U	0.181	0.426	2.2	ug/kg
309-00-2	Aldrin	2.2	U	0.129	0.426	2.2	ug/kg
1024-57-3	Heptachlor epoxide	2.2	U	0.207	0.426	2.2	ug/kg
959-98-8	Endosulfan I	2.2	U	0.194	0.426	2.2	ug/kg
60-57-1	Dieldrin	2.2	U	0.168	0.426	2.2	ug/kg
72-55-9	4,4-DDE	2.2	U	0.258	0.426	2.2	ug/kg
72-20-8	Endrin	2.2	U	0.232	0.426	2.2	ug/kg
33213-65-9	Endosulfan II	2.2	U	0.181	0.426	2.2	ug/kg
72-54-8	4,4-DDD	2.2	U	0.22	0.426	2.2	ug/kg
1031-07-8	Endosulfan Sulfate	2.2	U	0.194	0.426	2.2	ug/kg
50-29-3	4,4-DDT	2.2	U	0.181	0.426	2.2	ug/kg
72-43-5	Methoxychlor	2.2	U	0.22	0.426	2.2	ug/kg
53494-70-5	Endrin ketone	2.2	U	0.168	0.426	2.2	ug/kg
7421-93-4	Endrin aldehyde	2.2	U	0.194	0.426	2.2	ug/kg
5103-71-9	alpha-Chlordane	2.2	U	0.181	0.426	2.2	ug/kg
5103-74-2	gamma-Chlordane	2.2	U	0.168	0.426	2.2	ug/kg
8001-35-2	Toxaphene	22	U	4.3	4.3	22	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	8.27		10 - 169		41%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.5		31 - 151		73%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-11D24	SDG No.:	H2720
Lab Sample ID:	H2720-18	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	22.8
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017593.D	1	04/28/16 11:35	04/29/16 12:53	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-13D24	SDG No.:	H2720
Lab Sample ID:	H2720-19	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	17.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017594.D	1	04/28/16 11:35	04/29/16 13:07	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2	U	0.157	0.397	2	ug/kg
319-85-7	beta-BHC	2	U	0.217	0.397	2	ug/kg
319-86-8	delta-BHC	2	U	0.12	0.397	2	ug/kg
58-89-9	gamma-BHC (Lindane)	2	U	0.181	0.397	2	ug/kg
76-44-8	Heptachlor	2	U	0.169	0.397	2	ug/kg
309-00-2	Aldrin	2	U	0.12	0.397	2	ug/kg
1024-57-3	Heptachlor epoxide	2	U	0.193	0.397	2	ug/kg
959-98-8	Endosulfan I	2	U	0.181	0.397	2	ug/kg
60-57-1	Dieldrin	2	U	0.157	0.397	2	ug/kg
72-55-9	4,4-DDE	2	U	0.241	0.397	2	ug/kg
72-20-8	Endrin	2	U	0.217	0.397	2	ug/kg
33213-65-9	Endosulfan II	2	U	0.169	0.397	2	ug/kg
72-54-8	4,4-DDD	2	U	0.205	0.397	2	ug/kg
1031-07-8	Endosulfan Sulfate	2	U	0.181	0.397	2	ug/kg
50-29-3	4,4-DDT	2	U	0.169	0.397	2	ug/kg
72-43-5	Methoxychlor	2	U	0.205	0.397	2	ug/kg
53494-70-5	Endrin ketone	2	U	0.157	0.397	2	ug/kg
7421-93-4	Endrin aldehyde	2	U	0.181	0.397	2	ug/kg
5103-71-9	alpha-Chlordane	2	U	0.169	0.397	2	ug/kg
5103-74-2	gamma-Chlordane	2	U	0.157	0.397	2	ug/kg
8001-35-2	Toxaphene	20.5	U	4	4	20.5	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	12.8		10 - 169		64%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16		31 - 151		80%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-13D24	SDG No.:	H2720
Lab Sample ID:	H2720-19	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	17.1
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017594.D	1	04/28/16 11:35	04/29/16 13:07	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-14D02	SDG No.:	H2720
Lab Sample ID:	H2720-20	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	16.4
Sample Wt/Vol:	30.11	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017595.D	1	04/28/16 11:35	04/29/16 13:21	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2	U	0.155	0.393	2	ug/kg
319-85-7	beta-BHC	2	U	0.214	0.393	2	ug/kg
319-86-8	delta-BHC	2	U	0.119	0.393	2	ug/kg
58-89-9	gamma-BHC (Lindane)	0.862	J	0.179	0.393	2	ug/kg
76-44-8	Heptachlor	2	U	0.167	0.393	2	ug/kg
309-00-2	Aldrin	2	U	0.119	0.393	2	ug/kg
1024-57-3	Heptachlor epoxide	2	U	0.191	0.393	2	ug/kg
959-98-8	Endosulfan I	2	U	0.179	0.393	2	ug/kg
60-57-1	Dieldrin	2	U	0.155	0.393	2	ug/kg
72-55-9	4,4-DDE	2	U	0.238	0.393	2	ug/kg
72-20-8	Endrin	2	U	0.214	0.393	2	ug/kg
33213-65-9	Endosulfan II	2	U	0.167	0.393	2	ug/kg
72-54-8	4,4-DDD	2	U	0.203	0.393	2	ug/kg
1031-07-8	Endosulfan Sulfate	2	U	0.179	0.393	2	ug/kg
50-29-3	4,4-DDT	2	U	0.167	0.393	2	ug/kg
72-43-5	Methoxychlor	2	U	0.203	0.393	2	ug/kg
53494-70-5	Endrin ketone	2	U	0.155	0.393	2	ug/kg
7421-93-4	Endrin aldehyde	2	U	0.179	0.393	2	ug/kg
5103-71-9	alpha-Chlordane	2	U	0.167	0.393	2	ug/kg
5103-74-2	gamma-Chlordane	2	U	0.155	0.393	2	ug/kg
8001-35-2	Toxaphene	20.3	U	4	4	20.3	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	10.2		10 - 169		51%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.1		31 - 151		75%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-14D02	SDG No.:	H2720
Lab Sample ID:	H2720-20	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	16.4
Sample Wt/Vol:	30.11	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017595.D	1	04/28/16 11:35	04/29/16 13:21	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-18D24	SDG No.:	H2720
Lab Sample ID:	H2720-21	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	18.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017596.D	1	04/28/16 11:35	04/29/16 13:35	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2.1	U	0.159	0.403	2.1	ug/kg
319-85-7	beta-BHC	2.1	U	0.22	0.403	2.1	ug/kg
319-86-8	delta-BHC	2.1	U	0.122	0.403	2.1	ug/kg
58-89-9	gamma-BHC (Lindane)	2.1	U	0.183	0.403	2.1	ug/kg
76-44-8	Heptachlor	2.1	U	0.171	0.403	2.1	ug/kg
309-00-2	Aldrin	2.1	U	0.122	0.403	2.1	ug/kg
1024-57-3	Heptachlor epoxide	2.1	U	0.195	0.403	2.1	ug/kg
959-98-8	Endosulfan I	2.1	U	0.183	0.403	2.1	ug/kg
60-57-1	Dieldrin	2.1	U	0.159	0.403	2.1	ug/kg
72-55-9	4,4-DDE	2.1	U	0.244	0.403	2.1	ug/kg
72-20-8	Endrin	2.1	U	0.22	0.403	2.1	ug/kg
33213-65-9	Endosulfan II	2.1	U	0.171	0.403	2.1	ug/kg
72-54-8	4,4-DDD	2.1	U	0.208	0.403	2.1	ug/kg
1031-07-8	Endosulfan Sulfate	2.1	U	0.183	0.403	2.1	ug/kg
50-29-3	4,4-DDT	2.1	U	0.171	0.403	2.1	ug/kg
72-43-5	Methoxychlor	2.1	U	0.208	0.403	2.1	ug/kg
53494-70-5	Endrin ketone	2.1	U	0.159	0.403	2.1	ug/kg
7421-93-4	Endrin aldehyde	2.1	U	0.183	0.403	2.1	ug/kg
5103-71-9	alpha-Chlordane	2.1	U	0.171	0.403	2.1	ug/kg
5103-74-2	gamma-Chlordane	2.1	U	0.159	0.403	2.1	ug/kg
8001-35-2	Toxaphene	20.8	U	4.1	4.1	20.8	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	9.77		10 - 169		49%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.7		31 - 151		79%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-18D24	SDG No.:	H2720
Lab Sample ID:	H2720-21	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	18.2
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017596.D	1	04/28/16 11:35	04/29/16 13:35	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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LOD = Limit of Detection

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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QC SUMMARY

Surrogate Summary

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PL017266.D	PIBLK-PL017266.D	Decachlorobiphenyl	1	20	18.87	94		10	192
		Tetrachloro-m-xylene	1	20	16.54	83		10	172
		Decachlorobiphenyl	2	20	19.61	98		10	192
		Tetrachloro-m-xylene	2	20	18.57	93		10	172
I.BLK-PL017570.D	PIBLK-PL017570.D	Decachlorobiphenyl	1	20	20.43	102		10	192
		Tetrachloro-m-xylene	1	20	18.84	94		10	172
		Decachlorobiphenyl	2	20	21.98	110		10	192
		Tetrachloro-m-xylene	2	20	21.59	108		10	172
PB90163BL	PB90163BL	Decachlorobiphenyl	1	20	17.24	86		10	169
		Tetrachloro-m-xylene	1	20	14.87	74		31	151
		Decachlorobiphenyl	2	20	18.46	92		10	169
		Tetrachloro-m-xylene	2	20	17.63	88		31	151
PB90163BS	PB90163BS	Decachlorobiphenyl	1	20	19.84	99		10	169
		Tetrachloro-m-xylene	1	20	17.96	90		31	151
		Decachlorobiphenyl	2	20	20.76	104		10	169
		Tetrachloro-m-xylene	2	20	19.58	98		31	151
H2720-05	SS1	Decachlorobiphenyl	1	20	13.35	67		10	169
		Tetrachloro-m-xylene	1	20	15.49	77		31	151
		Decachlorobiphenyl	2	20	14.07	70		10	169
		Tetrachloro-m-xylene	2	20	17	85		31	151
H2720-06	SS2	Decachlorobiphenyl	1	20	5.23	26		10	169
		Tetrachloro-m-xylene	1	20	9.72	49		31	151
		Decachlorobiphenyl	2	20	5.15	26		10	169
		Tetrachloro-m-xylene	2	20	11.64	58		31	151
H2720-07	SS3	Decachlorobiphenyl	1	20	11.35	57		10	169
		Tetrachloro-m-xylene	1	20	14.17	71		31	151
		Decachlorobiphenyl	2	20	12.64	63		10	169
		Tetrachloro-m-xylene	2	20	17.81	89		31	151
H2720-08	SS4	Decachlorobiphenyl	1	20	10.5	52		10	169
		Tetrachloro-m-xylene	1	20	13.14	66		31	151
		Decachlorobiphenyl	2	20	11.28	56		10	169
		Tetrachloro-m-xylene	2	20	17.24	86		31	151
H2720-09	SS5	Decachlorobiphenyl	1	20	9.07	45		10	169
		Tetrachloro-m-xylene	1	20	13.05	65		31	151
		Decachlorobiphenyl	2	20	9.25	46		10	169
		Tetrachloro-m-xylene	2	20	16.24	81		31	151
H2720-10MS	SS5MS	Decachlorobiphenyl	1	20	16.36	82		10	169
		Tetrachloro-m-xylene	1	20	17.08	85		31	151
		Decachlorobiphenyl	2	20	16.6	83		10	169
		Tetrachloro-m-xylene	2	20	19.07	95		31	151
H2720-11MSD	SS5MSD	Decachlorobiphenyl	1	20	16.46	82		10	169
		Tetrachloro-m-xylene	1	20	16.84	84		31	151
		Decachlorobiphenyl	2	20	16.58	83		10	169

Surrogate Summary

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
H2720-11MSD	SS5MSD	Tetrachloro-m-xylene	2	20	18.95	95		31	151
H2720-12	SS6	Decachlorobiphenyl	1	20	8.23	41		10	169
		Tetrachloro-m-xylene	1	20	13.83	69		31	151
		Decachlorobiphenyl	2	20	9.63	48		10	169
		Tetrachloro-m-xylene	2	20	16.35	82		31	151
I.BLK-PL017582.D	PIBLK-PL017582.D	Decachlorobiphenyl	1	20	20.85	104		10	192
		Tetrachloro-m-xylene	1	20	19.48	97		10	172
		Decachlorobiphenyl	2	20	21.76	109		10	192
		Tetrachloro-m-xylene	2	20	22.46	112		10	172
I.BLK-PL017585.D	PIBLK-PL017585.D	Decachlorobiphenyl	1	20	19.7	99		10	192
		Tetrachloro-m-xylene	1	20	17.99	90		10	172
		Decachlorobiphenyl	2	20	20.82	104		10	192
		Tetrachloro-m-xylene	2	20	21.27	106		10	172
H2720-13	SS7	Decachlorobiphenyl	1	20	13.69	68		10	169
		Tetrachloro-m-xylene	1	20	12.74	64		31	151
		Decachlorobiphenyl	2	20	14.33	72		10	169
		Tetrachloro-m-xylene	2	20	15.71	79		31	151
H2720-14	DUP	Decachlorobiphenyl	1	20	5.99	30		10	169
		Tetrachloro-m-xylene	1	20	13.13	66		31	151
		Decachlorobiphenyl	2	20	6.78	34		10	169
		Tetrachloro-m-xylene	2	20	16.04	80		31	151
H2720-15	TP-6D02	Decachlorobiphenyl	1	20	8.23	41		10	169
		Tetrachloro-m-xylene	1	20	16.09	80		31	151
		Decachlorobiphenyl	2	20	7.62	38		10	169
		Tetrachloro-m-xylene	2	20	15.45	77		31	151
H2720-16	TP-8D46	Decachlorobiphenyl	1	20	12.95	65		10	169
		Tetrachloro-m-xylene	1	20	14.02	70		31	151
		Decachlorobiphenyl	2	20	12.08	60		10	169
		Tetrachloro-m-xylene	2	20	17.35	87		31	151
H2720-17	TP-10D46	Decachlorobiphenyl	1	20	11.25	56		10	169
		Tetrachloro-m-xylene	1	20	14.65	73		31	151
		Decachlorobiphenyl	2	20	12.44	62		10	169
		Tetrachloro-m-xylene	2	20	17.53	88		31	151
H2720-18	TP-11D24	Decachlorobiphenyl	1	20	8.27	41		10	169
		Tetrachloro-m-xylene	1	20	14.5	73		31	151
		Decachlorobiphenyl	2	20	8.76	44		10	169
		Tetrachloro-m-xylene	2	20	17.28	86		31	151
H2720-19	TP-13D24	Decachlorobiphenyl	1	20	12.84	64		10	169
		Tetrachloro-m-xylene	1	20	16.01	80		31	151
		Decachlorobiphenyl	2	20	13.61	68		10	169
		Tetrachloro-m-xylene	2	20	18.7	94		31	151
H2720-20	TP-14D02	Decachlorobiphenyl	1	20	10.24	51		10	169
		Tetrachloro-m-xylene	1	20	15.08	75		31	151

Surrogate Summary

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
H2720-20	TP-14D02	Decachlorobiphenyl	2	20	10.85	54		10	169
		Tetrachloro-m-xylene	2	20	18.58	93		31	151
H2720-21	TP-18D24	Decachlorobiphenyl	1	20	9.77	49		10	169
		Tetrachloro-m-xylene	1	20	15.73	79		31	151
		Decachlorobiphenyl	2	20	10.32	52		10	169
		Tetrachloro-m-xylene	2	20	18.32	92		31	151
I.BLK-PL017599.D	PIBLK-PL017599.D	Decachlorobiphenyl	1	20	18.96	95		10	192
		Tetrachloro-m-xylene	1	20	17.87	89		10	172
		Decachlorobiphenyl	2	20	20.08	100		10	192
		Tetrachloro-m-xylene	2	20	21.81	109		10	172

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: H2720

Client: LaBella Associates P.C.

Analytical Method: 8081B

DataFile : PL017579.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: H2720-10MS	SS5MS											
	alpha-BHC	21.2	0	23.1	ug/kg	109				16	147	
	beta-BHC	21.2	0	22.6	ug/kg	107				25	146	
	delta-BHC	21.2	0	21.4	ug/kg	101				11	146	
	gamma-BHC (Lindane)	21.2	0	21.9	ug/kg	103				21	147	
	Heptachlor	21.2	0	22.5	ug/kg	106				23	143	
	Aldrin	21.2	0	20.9	ug/kg	99				11	152	
	Heptachlor epoxide	21.2	0	21.3	ug/kg	100				22	147	
	Endosulfan I	21.2	0	21.5	ug/kg	101				10	164	
	Dieldrin	21.2	0	20.7	ug/kg	98				10	162	
	4,4'-DDE	21.2	0	21.1	ug/kg	100				10	174	
	Endrin	21.2	0	21.5	ug/kg	101				10	171	
	Endosulfan II	21.2	0	20.1	ug/kg	95				11	146	
	4,4'-DDD	21.2	0	22	ug/kg	104				10	150	
	Endosulfan sulfate	21.2	0	19.6	ug/kg	92				10	152	
	4,4'-DDT	21.2	0	20.9	ug/kg	99				10	192	
	Methoxychlor	21.2	0	25.3	ug/kg	119				10	200	
	Endrin ketone	21.2	0	21.6	ug/kg	102				12	145	
	Endrin aldehyde	21.2	0	17.9	ug/kg	84				10	146	
	alpha-Chlordane	21.2	0	20.8	ug/kg	98				10	157	
	gamma-Chlordane	21.2	0	20.8	ug/kg	98				10	161	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: H2720Client: LaBella Associates P.C.Analytical Method: 8081B

DataFile : PL017580.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID:	SS5MSD											
H2720-11MSD	alpha-BHC	21.1	0	22.1	ug/kg	105		4		16	147	20
	beta-BHC	21.1	0	22.1	ug/kg	105		2		25	146	20
	delta-BHC	21.1	0	21.3	ug/kg	101		0		11	146	20
	gamma-BHC (Lindane)	21.1	0	21.5	ug/kg	102		1		21	147	20
	Heptachlor	21.1	0	22.1	ug/kg	105		1		23	143	20
	Aldrin	21.1	0	20.6	ug/kg	98		1		11	152	20
	Heptachlor epoxide	21.1	0	21.1	ug/kg	100		0		22	147	20
	Endosulfan I	21.1	0	21.3	ug/kg	101		0		10	164	20
	Dieldrin	21.1	0	20.5	ug/kg	97		1		10	162	20
	4,4'-DDE	21.1	0	21	ug/kg	100		0		10	174	20
	Endrin	21.1	0	21.5	ug/kg	102		1		10	171	20
	Endosulfan II	21.1	0	19.7	ug/kg	93		2		11	146	20
	4,4'-DDD	21.1	0	22	ug/kg	104		0		10	150	20
	Endosulfan sulfate	21.1	0	19.6	ug/kg	93		1		10	152	20
	4,4'-DDT	21.1	0	20.8	ug/kg	99		0		10	192	20
	Methoxychlor	21.1	0	25.5	ug/kg	121		2		10	200	20
	Endrin ketone	21.1	0	22.4	ug/kg	106		4		12	145	20
	Endrin aldehyde	21.1	0	17.9	ug/kg	85		1		10	146	20
	alpha-Chlordane	21.1	0	20.6	ug/kg	98		0		10	157	20
	gamma-Chlordane	21.1	0	20.5	ug/kg	97		1		10	161	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: H2720Client: LaBella Associates P.C.Analytical Method: 8081B Datafile : PL017573.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB90163BS	alpha-BHC	16.7	18	ug/kg	108				84	123		
	beta-BHC	16.7	17.4	ug/kg	104				82	123		
	delta-BHC	16.7	17	ug/kg	102				83	126		
	gamma-BHC (Lindane)	16.7	18.2	ug/kg	109				83	125		
	Heptachlor	16.7	19.5	ug/kg	117				83	122		
	Aldrin	16.7	17.8	ug/kg	107				82	124		
	Heptachlor epoxide	16.7	18.4	ug/kg	110				83	120		
	Endosulfan I	16.7	17.9	ug/kg	107				81	124		
	Dieldrin	16.7	18.2	ug/kg	109				85	121		
	4,4'-DDE	16.7	19.3	ug/kg	116				81	123		
	Endrin	16.7	17.1	ug/kg	102				76	130		
	Endosulfan II	16.7	17.1	ug/kg	102				80	125		
	4,4'-DDD	16.7	20	ug/kg	120				80	131		
	Endosulfan sulfate	16.7	16.7	ug/kg	100				81	122		
	4,4'-DDT	16.7	18	ug/kg	108				70	129		
	Methoxychlor	16.7	21	ug/kg	126				78	129		
	Endrin ketone	16.7	19.7	ug/kg	118				77	132		
	Endrin aldehyde	16.7	17.4	ug/kg	104				79	124		
	alpha-Chlordane	16.7	17.8	ug/kg	107				84	120		
	gamma-Chlordane	16.7	18	ug/kg	108				83	122		

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB90163BL

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2720

SAS No.: H2720 SDG NO.: H2720

Lab Sample ID: PB90163BL

Lab File ID: PL017572.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 04/28/2016

Date Analyzed (1): 04/28/2016

Date Analyzed (2): 04/28/2016

Time Analyzed (1): 17:20

Time Analyzed (2): 17:20

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB90163BS	PB90163BS	PL017573.D	04/28/2016	04/28/2016
SS1	H2720-05	PL017574.D	04/28/2016	04/28/2016
SS2	H2720-06	PL017575.D	04/28/2016	04/28/2016
SS3	H2720-07	PL017576.D	04/28/2016	04/28/2016
SS4	H2720-08	PL017577.D	04/28/2016	04/28/2016
SS5	H2720-09	PL017578.D	04/28/2016	04/28/2016
SS5MS	H2720-10MS	PL017579.D	04/28/2016	04/28/2016
SS5MSD	H2720-11MSD	PL017580.D	04/28/2016	04/28/2016
SS6	H2720-12	PL017581.D	04/28/2016	04/28/2016
SS7	H2720-13	PL017588.D	04/29/2016	04/29/2016
DUP	H2720-14	PL017589.D	04/29/2016	04/29/2016
TP-6D02	H2720-15	PL017590.D	04/29/2016	04/29/2016
TP-8D46	H2720-16	PL017591.D	04/29/2016	04/29/2016
TP-10D46	H2720-17	PL017592.D	04/29/2016	04/29/2016
TP-11D24	H2720-18	PL017593.D	04/29/2016	04/29/2016
TP-13D24	H2720-19	PL017594.D	04/29/2016	04/29/2016
TP-14D02	H2720-20	PL017595.D	04/29/2016	04/29/2016
TP-18D24	H2720-21	PL017596.D	04/29/2016	04/29/2016

COMMENTS: _____

QC SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90163BL	SDG No.:	H2720
Lab Sample ID:	PB90163BL	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	0 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017572.D	1	04/28/16 11:35	04/28/16 17:20	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	1.7	U	0.13	0.33	1.7	ug/kg
319-85-7	beta-BHC	1.7	U	0.18	0.33	1.7	ug/kg
319-86-8	delta-BHC	1.7	U	0.0999	0.33	1.7	ug/kg
58-89-9	gamma-BHC (Lindane)	1.7	U	0.15	0.33	1.7	ug/kg
76-44-8	Heptachlor	1.7	U	0.14	0.33	1.7	ug/kg
309-00-2	Aldrin	1.7	U	0.0999	0.33	1.7	ug/kg
1024-57-3	Heptachlor epoxide	1.7	U	0.16	0.33	1.7	ug/kg
959-98-8	Endosulfan I	1.7	U	0.15	0.33	1.7	ug/kg
60-57-1	Dieldrin	1.7	U	0.13	0.33	1.7	ug/kg
72-55-9	4,4-DDE	1.7	U	0.2	0.33	1.7	ug/kg
72-20-8	Endrin	1.7	U	0.18	0.33	1.7	ug/kg
33213-65-9	Endosulfan II	1.7	U	0.14	0.33	1.7	ug/kg
72-54-8	4,4-DDD	1.7	U	0.17	0.33	1.7	ug/kg
1031-07-8	Endosulfan Sulfate	1.7	U	0.15	0.33	1.7	ug/kg
50-29-3	4,4-DDT	1.7	U	0.14	0.33	1.7	ug/kg
72-43-5	Methoxychlor	1.7	U	0.17	0.33	1.7	ug/kg
53494-70-5	Endrin ketone	1.7	U	0.13	0.33	1.7	ug/kg
7421-93-4	Endrin aldehyde	1.7	U	0.15	0.33	1.7	ug/kg
5103-71-9	alpha-Chlordane	1.7	U	0.14	0.33	1.7	ug/kg
5103-74-2	gamma-Chlordane	1.7	U	0.13	0.33	1.7	ug/kg
8001-35-2	Toxaphene	17	U	3.3	3.3	17	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	17.2		10 - 169		86%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.9		31 - 151		74%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90163BL	SDG No.:	H2720
Lab Sample ID:	PB90163BL	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	0 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017572.D	1	04/28/16 11:35	04/28/16 17:20	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/15/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/15/16
Client Sample ID:	PIBLK-PL017266.D	SDG No.:	H2720
Lab Sample ID:	I.BLK-PL017266.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017266.D	1		04/15/16	PL041616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.9		10 - 192		94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.5		10 - 172		83%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/15/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/15/16
Client Sample ID:	PIBLK-PL017266.D	SDG No.:	H2720
Lab Sample ID:	I.BLK-PL017266.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017266.D	1		04/15/16	PL041616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/28/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/28/16
Client Sample ID:	PIBLK-PL017570.D	SDG No.:	H2720
Lab Sample ID:	I.BLK-PL017570.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017570.D	1		04/28/16	PL042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.4		10 - 192		102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.8		10 - 172		94%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/28/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/28/16
Client Sample ID:	PIBLK-PL017570.D	SDG No.:	H2720
Lab Sample ID:	I.BLK-PL017570.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
PH :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017570.D	1		04/28/16	PL042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/28/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/28/16
Client Sample ID:	PIBLK-PL017582.D	SDG No.:	H2720
Lab Sample ID:	I.BLK-PL017582.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017582.D	1		04/28/16	PL042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.8		10 - 192		104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.5		10 - 172		97%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/28/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/28/16
Client Sample ID:	PIBLK-PL017582.D	SDG No.:	H2720
Lab Sample ID:	I.BLK-PL017582.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017582.D	1		04/28/16	PL042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/29/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	PIBLK-PL017585.D	SDG No.:	H2720
Lab Sample ID:	I.BLK-PL017585.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017585.D	1		04/29/16	PL042916

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	19.7		10 - 192		99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18		10 - 172		90%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/29/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	PIBLK-PL017585.D	SDG No.:	H2720
Lab Sample ID:	I.BLK-PL017585.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017585.D	1		04/29/16	PL042916

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/29/16			
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16			
Client Sample ID:	PIBLK-PL017599.D	SDG No.:	H2720			
Lab Sample ID:	I.BLK-PL017599.D	Matrix:	Water			
Analytical Method:	SW8081	% Moisture:	100	Decanted:		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	Pesticide-TCL	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0	PH :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017599.D	1		04/29/16	PL042916

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	19		10 - 192		95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.9		10 - 172		89%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/29/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	PIBLK-PL017599.D	SDG No.:	H2720
Lab Sample ID:	I.BLK-PL017599.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017599.D	1		04/29/16	PL042916

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90163BS	SDG No.:	H2720
Lab Sample ID:	PB90163BS	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	0 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017573.D	1	04/28/16 11:35	04/28/16 17:34	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	18		0.13	0.33	1.7	ug/kg
319-85-7	beta-BHC	17.4		0.18	0.33	1.7	ug/kg
319-86-8	delta-BHC	17		0.0999	0.33	1.7	ug/kg
58-89-9	gamma-BHC (Lindane)	18.2		0.15	0.33	1.7	ug/kg
76-44-8	Heptachlor	19.5		0.14	0.33	1.7	ug/kg
309-00-2	Aldrin	17.8		0.0999	0.33	1.7	ug/kg
1024-57-3	Heptachlor epoxide	18.4		0.16	0.33	1.7	ug/kg
959-98-8	Endosulfan I	17.9		0.15	0.33	1.7	ug/kg
60-57-1	Dieldrin	18.2		0.13	0.33	1.7	ug/kg
72-55-9	4,4-DDE	19.3		0.2	0.33	1.7	ug/kg
72-20-8	Endrin	17.1		0.18	0.33	1.7	ug/kg
33213-65-9	Endosulfan II	17.1		0.14	0.33	1.7	ug/kg
72-54-8	4,4-DDD	20		0.17	0.33	1.7	ug/kg
1031-07-8	Endosulfan Sulfate	16.7		0.15	0.33	1.7	ug/kg
50-29-3	4,4-DDT	18		0.14	0.33	1.7	ug/kg
72-43-5	Methoxychlor	21		0.17	0.33	1.7	ug/kg
53494-70-5	Endrin ketone	19.7		0.13	0.33	1.7	ug/kg
7421-93-4	Endrin aldehyde	17.4		0.15	0.33	1.7	ug/kg
5103-71-9	alpha-Chlordane	17.8		0.14	0.33	1.7	ug/kg
5103-74-2	gamma-Chlordane	18		0.13	0.33	1.7	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	19.8		10 - 169		99%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18		31 - 151		90%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90163BS	SDG No.:	H2720
Lab Sample ID:	PB90163BS	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017573.D	1	04/28/16 11:35	04/28/16 17:34	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MS	SDG No.:	H2720
Lab Sample ID:	H2720-10MS	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	21.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017579.D	1	04/28/16 11:35	04/28/16 18:58	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	23.1		0.165	0.419	2.2	ug/kg
319-85-7	beta-BHC	22.6		0.229	0.419	2.2	ug/kg
319-86-8	delta-BHC	21.4		0.127	0.419	2.2	ug/kg
58-89-9	gamma-BHC (Lindane)	21.9		0.191	0.419	2.2	ug/kg
76-44-8	Heptachlor	22.5		0.178	0.419	2.2	ug/kg
309-00-2	Aldrin	20.9		0.127	0.419	2.2	ug/kg
1024-57-3	Heptachlor epoxide	21.3		0.203	0.419	2.2	ug/kg
959-98-8	Endosulfan I	21.5		0.191	0.419	2.2	ug/kg
60-57-1	Dieldrin	20.7		0.165	0.419	2.2	ug/kg
72-55-9	4,4-DDE	21.1		0.254	0.419	2.2	ug/kg
72-20-8	Endrin	21.5		0.229	0.419	2.2	ug/kg
33213-65-9	Endosulfan II	20.1		0.178	0.419	2.2	ug/kg
72-54-8	4,4-DDD	22		0.216	0.419	2.2	ug/kg
1031-07-8	Endosulfan Sulfate	19.6		0.191	0.419	2.2	ug/kg
50-29-3	4,4-DDT	20.9		0.178	0.419	2.2	ug/kg
72-43-5	Methoxychlor	25.3		0.216	0.419	2.2	ug/kg
53494-70-5	Endrin ketone	21.6		0.165	0.419	2.2	ug/kg
7421-93-4	Endrin aldehyde	17.9		0.191	0.419	2.2	ug/kg
5103-71-9	alpha-Chlordane	20.8		0.178	0.419	2.2	ug/kg
5103-74-2	gamma-Chlordane	20.8		0.165	0.419	2.2	ug/kg
8001-35-2	Toxaphene	21.6	U	4.2	4.2	21.6	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	16.4		10 - 169		82%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.1		31 - 151		85%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MS	SDG No.:	H2720
Lab Sample ID:	H2720-10MS	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	21.4
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017579.D	1	04/28/16 11:35	04/28/16 18:58	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MSD	SDG No.:	H2720
Lab Sample ID:	H2720-11MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	21.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017580.D	1	04/28/16 11:35	04/28/16 19:12	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	22.1		0.165	0.418	2.2	ug/kg
319-85-7	beta-BHC	22.1		0.228	0.418	2.2	ug/kg
319-86-8	delta-BHC	21.3		0.127	0.418	2.2	ug/kg
58-89-9	gamma-BHC (Lindane)	21.5		0.19	0.418	2.2	ug/kg
76-44-8	Heptachlor	22.1		0.178	0.418	2.2	ug/kg
309-00-2	Aldrin	20.6		0.127	0.418	2.2	ug/kg
1024-57-3	Heptachlor epoxide	21.1		0.203	0.418	2.2	ug/kg
959-98-8	Endosulfan I	21.3		0.19	0.418	2.2	ug/kg
60-57-1	Dieldrin	20.5		0.165	0.418	2.2	ug/kg
72-55-9	4,4-DDE	21		0.254	0.418	2.2	ug/kg
72-20-8	Endrin	21.5		0.228	0.418	2.2	ug/kg
33213-65-9	Endosulfan II	19.7		0.178	0.418	2.2	ug/kg
72-54-8	4,4-DDD	22		0.216	0.418	2.2	ug/kg
1031-07-8	Endosulfan Sulfate	19.6		0.19	0.418	2.2	ug/kg
50-29-3	4,4-DDT	20.8		0.178	0.418	2.2	ug/kg
72-43-5	Methoxychlor	25.5		0.216	0.418	2.2	ug/kg
53494-70-5	Endrin ketone	22.4		0.165	0.418	2.2	ug/kg
7421-93-4	Endrin aldehyde	17.9		0.19	0.418	2.2	ug/kg
5103-71-9	alpha-Chlordane	20.6		0.178	0.418	2.2	ug/kg
5103-74-2	gamma-Chlordane	20.5		0.165	0.418	2.2	ug/kg
8001-35-2	Toxaphene	21.6	U	4.2	4.2	21.6	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	16.5		10 - 169		82%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.8		31 - 151		84%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5MSD	SDG No.:	H2720
Lab Sample ID:	H2720-11MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	21.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017580.D	1	04/28/16 11:35	04/28/16 19:12	PB90163

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

Instrument ID: ECD_L Calibration Date(s): 04/15/2016 04/15/2016

Calibration Times: 17:14 18:10

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL017269.D RT 075 = PL017270.D

RT 050 = PL017271.D RT 025 = PL017272.D RT 005 = PL017273.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
4,4'-DDE	6.09	6.09	6.09	6.08	6.09	6.09	5.99	6.19
4,4'-DDT	6.86	6.86	6.86	6.86	6.86	6.86	6.76	6.96
Aldrin	5.24	5.24	5.24	5.24	5.24	5.24	5.14	5.34
alpha-BHC	4.17	4.17	4.17	4.17	4.17	4.17	4.07	4.27
alpha-Chlordane	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
beta-BHC	4.62	4.62	4.62	4.62	4.62	4.62	4.52	4.72
Decachlorobiphenyl	8.75	8.75	8.75	8.75	8.75	8.75	8.65	8.85
delta-BHC	4.83	4.83	4.83	4.83	4.83	4.83	4.73	4.93
Dieldrin	6.22	6.22	6.22	6.22	6.22	6.22	6.12	6.32
Endosulfan I	5.97	5.97	5.97	5.97	5.97	5.97	5.87	6.07
Endosulfan II	6.64	6.64	6.64	6.64	6.64	6.64	6.54	6.74
Endosulfan sulfate	6.99	6.99	6.99	6.99	6.99	6.99	6.89	7.09
Endrin	6.43	6.43	6.43	6.43	6.43	6.43	6.33	6.53
Endrin aldehyde	6.77	6.77	6.77	6.77	6.77	6.77	6.67	6.87
Endrin ketone	7.45	7.45	7.45	7.45	7.45	7.45	7.35	7.55
gamma-BHC (Lindane)	4.45	4.45	4.45	4.45	4.44	4.45	4.35	4.55
gamma-Chlordane	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Heptachlor	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Heptachlor epoxide	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Methoxychlor	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43
Tetrachloro-m-xylene	3.79	3.79	3.79	3.79	3.79	3.79	3.69	3.89

RETENTION TIMES OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

Instrument ID: ECD_L Calibration Date(s): 04/15/2016 04/15/2016

Calibration Times: 17:14 18:10

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL017269.D RT 075 = PL017270.D

RT 050 = PL017271.D RT 025 = PL017272.D RT 005 = PL017273.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
4,4'-DDE	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
4,4'-DDT	5.72	5.71	5.72	5.72	5.72	5.71	5.61	5.81
Aldrin	4.16	4.16	4.16	4.16	4.16	4.16	4.06	4.26
alpha-BHC	3.44	3.44	3.44	3.44	3.44	3.44	3.34	3.54
alpha-Chlordane	4.84	4.84	4.84	4.83	4.83	4.83	4.73	4.93
beta-BHC	3.94	3.94	3.94	3.94	3.94	3.94	3.84	4.04
Decachlorobiphenyl	7.47	7.47	7.47	7.47	7.47	7.47	7.37	7.57
delta-BHC	4.11	4.11	4.11	4.11	4.11	4.11	4.01	4.21
Dieldrin	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
Endosulfan I	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Endosulfan II	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Endosulfan sulfate	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Endrin	5.35	5.34	5.34	5.34	5.35	5.34	5.24	5.44
Endrin aldehyde	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Endrin ketone	6.44	6.44	6.44	6.44	6.44	6.44	6.34	6.54
gamma-BHC (Lindane)	3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
gamma-Chlordane	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Heptachlor	3.94	3.94	3.94	3.94	3.94	3.94	3.84	4.04
Heptachlor epoxide	4.57	4.57	4.57	4.57	4.57	4.57	4.47	4.67
Methoxychlor	6.26	6.26	6.26	6.26	6.26	6.26	6.16	6.36
Tetrachloro-m-xylene	3.02	3.02	3.02	3.02	3.02	3.02	2.92	3.12

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LABE01
Lab Code: CHEM **Case No.:** H2720 **SAS No.:** H2720 **SDG NO.:** H2720
Instrument ID: ECD_L **Calibration Date(s):** 04/15/2016 04/15/2016
Calibration Times: 17:14 18:10
GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID:		CF 100 = <u>PL017269.D</u>		CF 075 = <u>PL017270.D</u>			
CF 050 = <u>PL017271.D</u>		CF 025 = <u>PL017272.D</u>		CF 005 = <u>PL017273.D</u>			
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1842860000	1787480000	1723340000	1503380000	1734050000	1718220000	8
4,4'-DDE	2925830000	2843500000	2738780000	2346950000	2878370000	2746690000	9
4,4'-DDT	2773650000	2693680000	2585920000	2324220000	2580520000	2591600000	7
Aldrin	3987470000	3859740000	3690450000	3130620000	2986320000	3530920000	13
alpha-BHC	4425080000	4219990000	3921120000	3227950000	2852150000	3729260000	18
alpha-Chlordane	3568430000	3526780000	3489110000	3197620000	3230460000	3402480000	5
beta-BHC	1855560000	1850090000	1870890000	1764500000	1726810000	1813570000	4
Decachlorobiphenyl	3954270000	4040620000	4069160000	4050500000	4622970000	4147500000	7
delta-BHC	3550130000	3384330000	3166850000	2674970000	2402160000	3035690000	16
Dieldrin	3845410000	3864470000	3538770000	3165770000	3140960000	3511070000	10
Endosulfan I	4186190000	4150550000	4088560000	3664330000	3745770000	3967080000	6
Endosulfan II	3424850000	3432420000	3336600000	3099070000	3386220000	3335830000	4
Endosulfan sulfate	2987900000	2979570000	2875140000	2772980000	3064900000	2936100000	4
Endrin	3263650000	3253320000	3165120000	2738800000	2872210000	3058620000	8
Endrin aldehyde	2742120000	2778950000	2746490000	2655920000	3096750000	2804050000	6
Endrin ketone	3047600000	2995340000	2817330000	2594500000	2678460000	2826650000	7
gamma-BHC (Lindane)	4023720000	3859300000	3675290000	3114750000	2661450000	3466900000	16
gamma-Chlordane	3778760000	3735470000	3687530000	3346130000	3434460000	3596470000	5
Heptachlor	4501820000	4436250000	4360110000	4007850000	4461010000	4353410000	5
Heptachlor epoxide	3912110000	3878780000	3867150000	3476650000	3470750000	3721090000	6
Methoxychlor	1091240000	1060330000	1055180000	1009470000	1087010000	1060650000	3
Tetrachloro-m-xylene	3365160000	3377180000	3328460000	3091990000	3361730000	3304900000	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

Instrument ID: ECD_L

Calibration Date(s): 04/15/2016 04/15/2016

Calibration Times: 17:14 18:10

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PL017269.D</u>	CF 075 =	<u>PL017270.D</u>		
CF 050 =		<u>PL017271.D</u>	CF 025 =	<u>PL017272.D</u>	CF 005 =	<u>PL017273.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1042750000	1076100000	1104120000	1124080000	1271510000	1123710000	8
4,4'-DDE	1227160000	1249180000	1310500000	1352100000	1518320000	1331450000	9
4,4'-DDT	1186500000	1215850000	1257920000	1261360000	1369130000	1258150000	6
Aldrin	1392700000	1426620000	1477840000	1511650000	1625600000	1486880000	6
alpha-BHC	1578510000	1598140000	1622240000	1620260000	1762310000	1636290000	4
alpha-Chlordane	1270170000	1304400000	1367270000	1419300000	1586190000	1389460000	9
beta-BHC	523953000	466358000	489870000	417175000	592669000	498005000	13
Decachlorobiphenyl	999336000	1034610000	1086520000	1157990000	1387280000	1133150000	14
delta-BHC	1449030000	1477970000	1503270000	1527310000	1632420000	1518000000	5
Dieldrin	1366070000	1400560000	1454410000	1490290000	1652530000	1472770000	8
Endosulfan I	1187410000	1229180000	1284650000	1339250000	1480380000	1304170000	9
Endosulfan II	1230430000	1274450000	1318420000	1363510000	1564930000	1350350000	10
Endosulfan sulfate	1089140000	1142130000	1160680000	1254890000	1493750000	1228120000	13
Endrin	1327640000	1353210000	1420060000	1442800000	1631100000	1434960000	8
Endrin aldehyde	1061020000	1113470000	1144640000	1166670000	1297580000	1156680000	8
Endrin ketone	1300890000	1348730000	1398630000	1467990000	1750990000	1453450000	12
gamma-BHC (Lindane)	1481700000	1501470000	1533660000	1545340000	1632920000	1539020000	4
gamma-Chlordane	1311070000	1345050000	1402320000	1450520000	1603820000	1422560000	8
Heptachlor	1256350000	1237590000	1695120000	1267910000	1565920000	1404580000	15
Heptachlor epoxide	1263460000	1299380000	1355680000	1399500000	1521300000	1367860000	7
Methoxychlor	552800000	565317000	591946000	618737000	674631000	600686000	8
Tetrachloro-m-xylene	1025620000	1047060000	1077570000	1104520000	1262360000	1103420000	9

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LABE01Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720Instrument ID: ECD_L Date(s) Analyzed: 04/15/2016 04/15/2016GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.31	6.21	6.41	10198300
		2	6.70	6.60	6.80	20199900
		3	6.89	6.79	6.99	70517500
		4	6.98	6.88	7.08	68102200
		5	7.06	6.96	7.16	16530900

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LABE01Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720Instrument ID: ECD_L Date(s) Analyzed: 04/15/2016 04/15/2016GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	5.22	5.12	5.32	9002640
		2	5.92	5.82	6.02	7001260
		3	6.08	5.98	6.18	7444350
		4	6.22	6.12	6.32	33130200
		5	6.62	6.52	6.72	30618100

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

Continuing Calib Date: 04/28/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 17:06 Initial Calibration Time(s): 17:14 18:10

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.75	8.75	8.65	8.85	0.01
Tetrachloro-m-xylene	3.79	3.79	3.69	3.89	0.00
alpha-BHC	4.17	4.17	4.07	4.27	0.00
beta-BHC	4.62	4.62	4.52	4.72	0.00
delta-BHC	4.83	4.83	4.73	4.93	0.00
gamma-BHC (Lindane)	4.44	4.45	4.35	4.55	0.01
Heptachlor	4.94	4.94	4.84	5.04	0.00
Aldrin	5.24	5.24	5.14	5.34	0.00
Heptachlor epoxide	5.62	5.62	5.52	5.72	0.00
Endosulfan I	5.96	5.97	5.87	6.07	0.01
Dieldrin	6.22	6.22	6.12	6.32	0.00
4,4'-DDE	6.08	6.09	5.99	6.19	0.01
Endrin	6.43	6.43	6.33	6.53	0.00
Endosulfan II	6.64	6.64	6.54	6.74	0.00
4,4'-DDD	6.57	6.57	6.47	6.67	0.00
Endosulfan sulfate	6.99	6.99	6.89	7.09	0.00
4,4'-DDT	6.86	6.86	6.76	6.96	0.00
Methoxychlor	7.33	7.33	7.23	7.43	0.00
Endrin ketone	7.45	7.45	7.35	7.55	0.00
Endrin aldehyde	6.77	6.77	6.67	6.87	0.01
alpha-Chlordane	5.92	5.92	5.82	6.02	0.00
gamma-Chlordane	5.85	5.85	5.75	5.95	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

Continuing Calib Date: 04/28/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 17:06 Initial Calibration Time(s): 17:14 18:10

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.47	7.47	7.37	7.57	0.00
Tetrachloro-m-xylene	3.02	3.02	2.92	3.12	0.00
alpha-BHC	3.44	3.44	3.34	3.54	0.01
beta-BHC	3.94	3.94	3.84	4.04	0.01
delta-BHC	4.11	4.11	4.01	4.21	0.00
gamma-BHC (Lindane)	3.69	3.69	3.59	3.79	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Aldrin	4.16	4.16	4.06	4.26	0.00
Heptachlor epoxide	4.57	4.57	4.47	4.67	0.00
Endosulfan I	4.88	4.88	4.78	4.98	0.00
Dieldrin	5.10	5.11	5.01	5.21	0.01
4,4'-DDE	5.01	5.01	4.91	5.11	0.00
Endrin	5.34	5.34	5.24	5.44	0.00
Endosulfan II	5.61	5.61	5.51	5.71	0.00
4,4'-DDD	5.49	5.49	5.39	5.59	0.00
Endosulfan sulfate	5.98	5.98	5.88	6.08	0.00
4,4'-DDT	5.71	5.72	5.62	5.82	0.01
Methoxychlor	6.26	6.26	6.16	6.36	0.00
Endrin ketone	6.44	6.44	6.34	6.54	0.00
Endrin aldehyde	5.78	5.78	5.68	5.88	0.00
alpha-Chlordane	4.83	4.84	4.74	4.94	0.01
gamma-Chlordane	4.78	4.78	4.68	4.88	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL01 Date Analyzed: 04/28/2016

Lab Sample No.: PSTDCCC050 Data File : PL017571.D Time Analyzed: 17:06

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.568	6.469	6.669	56.910	50.000	13.8
4,4'-DDE	6.084	5.985	6.185	53.260	50.000	6.5
4,4'-DDT	6.863	6.763	6.963	51.940	50.000	3.9
Aldrin	5.235	5.136	5.336	53.710	50.000	7.4
alpha-BHC	4.168	4.069	4.269	55.700	50.000	11.4
alpha-Chlordane	5.919	5.821	6.021	52.720	50.000	5.4
beta-BHC	4.619	4.519	4.719	52.020	50.000	4.0
Decachlorobiphenyl	8.745	8.645	8.845	52.720	50.000	5.4
delta-BHC	4.826	4.727	4.927	56.500	50.000	13.0
Dieldrin	6.218	6.119	6.319	51.320	50.000	2.6
Endosulfan I	5.964	5.865	6.065	51.550	50.000	3.1
Endosulfan II	6.642	6.543	6.743	50.080	50.000	0.2
Endosulfan sulfate	6.987	6.888	7.088	51.190	50.000	2.4
Endrin	6.432	6.332	6.532	48.520	50.000	-3.0
Endrin aldehyde	6.765	6.666	6.866	50.770	50.000	1.5
Endrin ketone	7.448	7.348	7.548	55.530	50.000	11.1
gamma-BHC (Lindane)	4.444	4.345	4.545	55.800	50.000	11.6
gamma-Chlordane	5.849	5.749	5.949	52.370	50.000	4.7
Heptachlor	4.939	4.840	5.040	54.480	50.000	9.0
Heptachlor epoxide	5.617	5.518	5.718	53.580	50.000	7.2
Methoxychlor	7.326	7.227	7.427	61.030	50.000	22.1
Tetrachloro-m-xylene	3.790	3.691	3.891	52.900	50.000	5.8

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL01 Date Analyzed: 04/28/2016

Lab Sample No.: PSTDCCC050 Data File : PL017571.D Time Analyzed: 17:06

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.492	5.393	5.593	54.530	50.000	9.1
4,4'-DDE	5.005	4.906	5.106	53.900	50.000	7.8
4,4'-DDT	5.714	5.615	5.815	52.230	50.000	4.5
Aldrin	4.160	4.061	4.261	53.210	50.000	6.4
alpha-BHC	3.435	3.336	3.536	53.130	50.000	6.3
alpha-Chlordane	4.833	4.735	4.935	52.230	50.000	4.5
beta-BHC	3.935	3.836	4.036	59.790	50.000	19.6
Decachlorobiphenyl	7.469	7.371	7.571	51.200	50.000	2.4
delta-BHC	4.106	4.007	4.207	53.170	50.000	6.3
Dieldrin	5.104	5.006	5.206	52.980	50.000	6.0
Endosulfan I	4.878	4.779	4.979	52.410	50.000	4.8
Endosulfan II	5.609	5.510	5.710	50.480	50.000	1.0
Endosulfan sulfate	5.978	5.879	6.079	51.230	50.000	2.5
Endrin	5.343	5.244	5.444	50.510	50.000	1.0
Endrin aldehyde	5.775	5.676	5.876	49.520	50.000	-1.0
Endrin ketone	6.438	6.339	6.539	51.730	50.000	3.5
gamma-BHC (Lindane)	3.691	3.592	3.792	53.320	50.000	6.6
gamma-Chlordane	4.779	4.681	4.881	52.520	50.000	5.0
Heptachlor	3.943	3.844	4.044	58.720	50.000	17.4
Heptachlor epoxide	4.572	4.473	4.673	53.520	50.000	7.0
Methoxychlor	6.257	6.158	6.358	55.700	50.000	11.4
Tetrachloro-m-xylene	3.023	2.924	3.124	52.630	50.000	5.3

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

Continuing Calib Date: 04/28/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 19:54 Initial Calibration Time(s): 17:14 18:10

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.74	8.75	8.65	8.85	0.01
Tetrachloro-m-xylene	3.79	3.79	3.69	3.89	0.00
alpha-BHC	4.17	4.17	4.07	4.27	0.00
beta-BHC	4.62	4.62	4.52	4.72	0.00
delta-BHC	4.83	4.83	4.73	4.93	0.01
gamma-BHC (Lindane)	4.44	4.45	4.35	4.55	0.01
Heptachlor	4.94	4.94	4.84	5.04	0.00
Aldrin	5.23	5.24	5.14	5.34	0.01
Heptachlor epoxide	5.62	5.62	5.52	5.72	0.00
Endosulfan I	5.96	5.97	5.87	6.07	0.01
Dieldrin	6.22	6.22	6.12	6.32	0.00
4,4'-DDE	6.08	6.09	5.99	6.19	0.01
Endrin	6.43	6.43	6.33	6.53	0.00
Endosulfan II	6.64	6.64	6.54	6.74	0.00
4,4'-DDD	6.57	6.57	6.47	6.67	0.00
Endosulfan sulfate	6.99	6.99	6.89	7.09	0.00
4,4'-DDT	6.86	6.86	6.76	6.96	0.00
Methoxychlor	7.33	7.33	7.23	7.43	0.01
Endrin ketone	7.45	7.45	7.35	7.55	0.00
Endrin aldehyde	6.77	6.77	6.67	6.87	0.01
alpha-Chlordane	5.92	5.92	5.82	6.02	0.00
gamma-Chlordane	5.85	5.85	5.75	5.95	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

Continuing Calib Date: 04/28/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 19:54 Initial Calibration Time(s): 17:14 18:10

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.47	7.47	7.37	7.57	0.00
Tetrachloro-m-xylene	3.02	3.02	2.92	3.12	0.00
alpha-BHC	3.44	3.44	3.34	3.54	0.01
beta-BHC	3.93	3.94	3.84	4.04	0.01
delta-BHC	4.11	4.11	4.01	4.21	0.00
gamma-BHC (Lindane)	3.69	3.69	3.59	3.79	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Aldrin	4.16	4.16	4.06	4.26	0.00
Heptachlor epoxide	4.57	4.57	4.47	4.67	0.00
Endosulfan I	4.88	4.88	4.78	4.98	0.00
Dieldrin	5.10	5.11	5.01	5.21	0.01
4,4'-DDE	5.00	5.01	4.91	5.11	0.01
Endrin	5.34	5.34	5.24	5.44	0.00
Endosulfan II	5.61	5.61	5.51	5.71	0.00
4,4'-DDD	5.49	5.49	5.39	5.59	0.00
Endosulfan sulfate	5.98	5.98	5.88	6.08	0.00
4,4'-DDT	5.71	5.72	5.62	5.82	0.01
Methoxychlor	6.26	6.26	6.16	6.36	0.00
Endrin ketone	6.44	6.44	6.34	6.54	0.00
Endrin aldehyde	5.77	5.78	5.68	5.88	0.01
alpha-Chlordane	4.83	4.84	4.74	4.94	0.01
gamma-Chlordane	4.78	4.78	4.68	4.88	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL02 Date Analyzed: 04/28/2016

Lab Sample No.: PSTDCCC050 Data File : PL017583.D Time Analyzed: 19:54

COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
4,4'-DDD	6.567	6.469	6.669	55.310	50.000	10.6
4,4'-DDE	6.083	5.985	6.185	54.750	50.000	9.5
4,4'-DDT	6.862	6.763	6.963	52.610	50.000	5.2
Aldrin	5.234	5.136	5.336	52.230	50.000	4.5
alpha-BHC	4.167	4.069	4.269	55.200	50.000	10.4
alpha-Chlordane	5.919	5.821	6.021	52.560	50.000	5.1
beta-BHC	4.618	4.519	4.719	51.430	50.000	2.9
Decachlorobiphenyl	8.743	8.645	8.845	51.200	50.000	2.4
delta-BHC	4.825	4.727	4.927	54.230	50.000	8.5
Dieldrin	6.218	6.119	6.319	50.880	50.000	1.8
Endosulfan I	5.963	5.865	6.065	52.250	50.000	4.5
Endosulfan II	6.641	6.543	6.743	50.550	50.000	1.1
Endosulfan sulfate	6.987	6.888	7.088	50.790	50.000	1.6
Endrin	6.431	6.332	6.532	48.410	50.000	-3.2
Endrin aldehyde	6.765	6.666	6.866	50.800	50.000	1.6
Endrin ketone	7.447	7.348	7.548	54.030	50.000	8.1
gamma-BHC (Lindane)	4.444	4.345	4.545	54.770	50.000	9.5
gamma-Chlordane	5.848	5.749	5.949	53.690	50.000	7.4
Heptachlor	4.939	4.840	5.040	53.470	50.000	6.9
Heptachlor epoxide	5.617	5.518	5.718	58.900	50.000	17.8
Methoxychlor	7.325	7.227	7.427	63.670	50.000	27.3
Tetrachloro-m-xylene	3.790	3.691	3.891	53.310	50.000	6.6

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL02 Date Analyzed: 04/28/2016

Lab Sample No.: PSTDCCC050 Data File : PL017583.D Time Analyzed: 19:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.492	5.393	5.593	55.110	50.000	10.2
4,4'-DDE	5.004	4.906	5.106	54.440	50.000	8.9
4,4'-DDT	5.713	5.615	5.815	52.490	50.000	5.0
Aldrin	4.160	4.061	4.261	51.620	50.000	3.2
alpha-BHC	3.435	3.336	3.536	53.380	50.000	6.8
alpha-Chlordane	4.833	4.735	4.935	51.840	50.000	3.7
beta-BHC	3.934	3.836	4.036	52.080	50.000	4.2
Decachlorobiphenyl	7.468	7.371	7.571	50.180	50.000	0.4
delta-BHC	4.105	4.007	4.207	52.970	50.000	5.9
Dieldrin	5.104	5.006	5.206	53.640	50.000	7.3
Endosulfan I	4.877	4.779	4.979	51.800	50.000	3.6
Endosulfan II	5.609	5.510	5.710	49.440	50.000	-1.1
Endosulfan sulfate	5.977	5.879	6.079	50.840	50.000	1.7
Endrin	5.343	5.244	5.444	50.830	50.000	1.7
Endrin aldehyde	5.774	5.676	5.876	49.640	50.000	-0.7
Endrin ketone	6.437	6.339	6.539	45.230	50.000	-9.5
gamma-BHC (Lindane)	3.691	3.592	3.792	53.430	50.000	6.9
gamma-Chlordane	4.779	4.681	4.881	52.180	50.000	4.4
Heptachlor	3.943	3.844	4.044	58.690	50.000	17.4
Heptachlor epoxide	4.572	4.473	4.673	53.330	50.000	6.7
Methoxychlor	6.256	6.158	6.358	56.710	50.000	13.4
Tetrachloro-m-xylene	3.023	2.924	3.124	52.630	50.000	5.3

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

Continuing Calib Date: 04/29/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 11:28 Initial Calibration Time(s): 17:14 18:10

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.74	8.75	8.65	8.85	0.01
Tetrachloro-m-xylene	3.79	3.79	3.69	3.89	0.00
alpha-BHC	4.17	4.17	4.07	4.27	0.00
beta-BHC	4.62	4.62	4.52	4.72	0.00
delta-BHC	4.83	4.83	4.73	4.93	0.01
gamma-BHC (Lindane)	4.44	4.45	4.35	4.55	0.01
Heptachlor	4.94	4.94	4.84	5.04	0.00
Aldrin	5.23	5.24	5.14	5.34	0.01
Heptachlor epoxide	5.62	5.62	5.52	5.72	0.01
Endosulfan I	5.96	5.97	5.87	6.07	0.01
Dieldrin	6.22	6.22	6.12	6.32	0.00
4,4'-DDE	6.08	6.09	5.99	6.19	0.01
Endrin	6.43	6.43	6.33	6.53	0.00
Endosulfan II	6.64	6.64	6.54	6.74	0.00
4,4'-DDD	6.57	6.57	6.47	6.67	0.00
Endosulfan sulfate	6.99	6.99	6.89	7.09	0.00
4,4'-DDT	6.86	6.86	6.76	6.96	0.00
Methoxychlor	7.33	7.33	7.23	7.43	0.01
Endrin ketone	7.45	7.45	7.35	7.55	0.00
Endrin aldehyde	6.76	6.77	6.67	6.87	0.01
alpha-Chlordane	5.92	5.92	5.82	6.02	0.00
gamma-Chlordane	5.85	5.85	5.75	5.95	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

Continuing Calib Date: 04/29/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 11:28 Initial Calibration Time(s): 17:14 18:10

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.47	7.47	7.37	7.57	0.00
Tetrachloro-m-xylene	3.02	3.02	2.92	3.12	0.00
alpha-BHC	3.44	3.44	3.34	3.54	0.01
beta-BHC	3.94	3.94	3.84	4.04	0.01
delta-BHC	4.11	4.11	4.01	4.21	0.00
gamma-BHC (Lindane)	3.69	3.69	3.59	3.79	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Aldrin	4.16	4.16	4.06	4.26	0.00
Heptachlor epoxide	4.57	4.57	4.47	4.67	0.00
Endosulfan I	4.88	4.88	4.78	4.98	0.00
Dieldrin	5.10	5.11	5.01	5.21	0.01
4,4'-DDE	5.00	5.01	4.91	5.11	0.01
Endrin	5.34	5.34	5.24	5.44	0.00
Endosulfan II	5.61	5.61	5.51	5.71	0.00
4,4'-DDD	5.49	5.49	5.39	5.59	0.00
Endosulfan sulfate	5.98	5.98	5.88	6.08	0.00
4,4'-DDT	5.71	5.72	5.62	5.82	0.01
Methoxychlor	6.26	6.26	6.16	6.36	0.00
Endrin ketone	6.44	6.44	6.34	6.54	0.00
Endrin aldehyde	5.77	5.78	5.68	5.88	0.01
alpha-Chlordane	4.83	4.84	4.74	4.94	0.01
gamma-Chlordane	4.78	4.78	4.68	4.88	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL03 Date Analyzed: 04/29/2016

Lab Sample No.: PSTDCCC050 Data File : PL017587.D Time Analyzed: 11:28

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.567	6.469	6.669	51.520	50.000	3.0
4,4'-DDE	6.083	5.985	6.185	49.360	50.000	-1.3
4,4'-DDT	6.861	6.763	6.963	48.580	50.000	-2.8
Aldrin	5.234	5.136	5.336	51.650	50.000	3.3
alpha-BHC	4.167	4.069	4.269	54.370	50.000	8.7
alpha-Chlordane	5.918	5.821	6.021	51.100	50.000	2.2
beta-BHC	4.618	4.519	4.719	52.320	50.000	4.6
Decachlorobiphenyl	8.743	8.645	8.845	52.220	50.000	4.4
delta-BHC	4.825	4.727	4.927	54.010	50.000	8.0
Dieldrin	6.217	6.119	6.319	51.890	50.000	3.8
Endosulfan I	5.963	5.865	6.065	49.900	50.000	-0.2
Endosulfan II	6.640	6.543	6.743	50.240	50.000	0.5
Endosulfan sulfate	6.986	6.888	7.088	50.660	50.000	1.3
Endrin	6.430	6.332	6.532	47.750	50.000	-4.5
Endrin aldehyde	6.764	6.666	6.866	50.900	50.000	1.8
Endrin ketone	7.446	7.348	7.548	54.040	50.000	8.1
gamma-BHC (Lindane)	4.444	4.345	4.545	54.010	50.000	8.0
gamma-Chlordane	5.848	5.749	5.949	50.730	50.000	1.5
Heptachlor	4.938	4.840	5.040	50.440	50.000	0.9
Heptachlor epoxide	5.615	5.518	5.718	51.750	50.000	3.5
Methoxychlor	7.325	7.227	7.427	54.030	50.000	8.1
Tetrachloro-m-xylene	3.790	3.691	3.891	51.270	50.000	2.5

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL03 Date Analyzed: 04/29/2016

Lab Sample No.: PSTDCCC050 Data File : PL017587.D Time Analyzed: 11:28

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.492	5.393	5.593	53.060	50.000	6.1
4,4'-DDE	5.004	4.906	5.106	52.290	50.000	4.6
4,4'-DDT	5.712	5.615	5.815	50.630	50.000	1.3
Aldrin	4.160	4.061	4.261	53.620	50.000	7.2
alpha-BHC	3.435	3.336	3.536	53.330	50.000	6.7
alpha-Chlordane	4.833	4.735	4.935	52.260	50.000	4.5
beta-BHC	3.935	3.836	4.036	57.140	50.000	14.3
Decachlorobiphenyl	7.469	7.371	7.571	49.450	50.000	-1.1
delta-BHC	4.106	4.007	4.207	53.540	50.000	7.1
Dieldrin	5.103	5.006	5.206	52.440	50.000	4.9
Endosulfan I	4.877	4.779	4.979	52.220	50.000	4.4
Endosulfan II	5.608	5.510	5.710	50.790	50.000	1.6
Endosulfan sulfate	5.977	5.879	6.079	50.870	50.000	1.7
Endrin	5.342	5.244	5.444	49.310	50.000	-1.4
Endrin aldehyde	5.774	5.676	5.876	51.170	50.000	2.3
Endrin ketone	6.437	6.339	6.539	51.180	50.000	2.4
gamma-BHC (Lindane)	3.690	3.592	3.792	53.360	50.000	6.7
gamma-Chlordane	4.779	4.681	4.881	52.480	50.000	5.0
Heptachlor	3.943	3.844	4.044	55.770	50.000	11.5
Heptachlor epoxide	4.572	4.473	4.673	53.320	50.000	6.6
Methoxychlor	6.255	6.158	6.358	52.160	50.000	4.3
Tetrachloro-m-xylene	3.023	2.924	3.124	52.780	50.000	5.6

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

Continuing Calib Date: 04/29/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 14:31 Initial Calibration Time(s): 17:14 18:10

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.74	8.75	8.65	8.85	0.01
Tetrachloro-m-xylene	3.79	3.79	3.69	3.89	0.00
alpha-BHC	4.17	4.17	4.07	4.27	0.00
beta-BHC	4.62	4.62	4.52	4.72	0.00
delta-BHC	4.83	4.83	4.73	4.93	0.01
gamma-BHC (Lindane)	4.44	4.45	4.35	4.55	0.01
Heptachlor	4.94	4.94	4.84	5.04	0.00
Aldrin	5.24	5.24	5.14	5.34	0.00
Heptachlor epoxide	5.62	5.62	5.52	5.72	0.00
Endosulfan I	5.96	5.97	5.87	6.07	0.01
Dieldrin	6.22	6.22	6.12	6.32	0.00
4,4'-DDE	6.08	6.09	5.99	6.19	0.01
Endrin	6.43	6.43	6.33	6.53	0.00
Endosulfan II	6.64	6.64	6.54	6.74	0.00
4,4'-DDD	6.57	6.57	6.47	6.67	0.00
Endosulfan sulfate	6.99	6.99	6.89	7.09	0.00
4,4'-DDT	6.86	6.86	6.76	6.96	0.00
Methoxychlor	7.33	7.33	7.23	7.43	0.01
Endrin ketone	7.45	7.45	7.35	7.55	0.00
Endrin aldehyde	6.76	6.77	6.67	6.87	0.01
alpha-Chlordane	5.92	5.92	5.82	6.02	0.00
gamma-Chlordane	5.85	5.85	5.75	5.95	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

Continuing Calib Date: 04/29/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 14:31 Initial Calibration Time(s): 17:14 18:10

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.47	7.47	7.37	7.57	0.00
Tetrachloro-m-xylene	3.02	3.02	2.92	3.12	0.00
alpha-BHC	3.44	3.44	3.34	3.54	0.01
beta-BHC	3.93	3.94	3.84	4.04	0.01
delta-BHC	4.11	4.11	4.01	4.21	0.00
gamma-BHC (Lindane)	3.69	3.69	3.59	3.79	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Aldrin	4.16	4.16	4.06	4.26	0.00
Heptachlor epoxide	4.57	4.57	4.47	4.67	0.00
Endosulfan I	4.88	4.88	4.78	4.98	0.00
Dieldrin	5.10	5.11	5.01	5.21	0.01
4,4'-DDE	5.00	5.01	4.91	5.11	0.01
Endrin	5.34	5.34	5.24	5.44	0.00
Endosulfan II	5.61	5.61	5.51	5.71	0.00
4,4'-DDD	5.49	5.49	5.39	5.59	0.00
Endosulfan sulfate	5.98	5.98	5.88	6.08	0.00
4,4'-DDT	5.71	5.72	5.62	5.82	0.01
Methoxychlor	6.26	6.26	6.16	6.36	0.00
Endrin ketone	6.44	6.44	6.34	6.54	0.00
Endrin aldehyde	5.77	5.78	5.68	5.88	0.01
alpha-Chlordane	4.83	4.84	4.74	4.94	0.01
gamma-Chlordane	4.78	4.78	4.68	4.88	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL04 Date Analyzed: 04/29/2016

Lab Sample No.: PSTDCCC050 Data File : PL017600.D Time Analyzed: 14:31

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.567	6.469	6.669	54.370	50.000	8.7
4,4'-DDE	6.083	5.985	6.185	50.650	50.000	1.3
4,4'-DDT	6.862	6.763	6.963	48.770	50.000	-2.5
Aldrin	5.235	5.136	5.336	51.220	50.000	2.4
alpha-BHC	4.167	4.069	4.269	54.770	50.000	9.5
alpha-Chlordane	5.918	5.821	6.021	49.960	50.000	-0.1
beta-BHC	4.618	4.519	4.719	51.280	50.000	2.6
Decachlorobiphenyl	8.743	8.645	8.845	50.190	50.000	0.4
delta-BHC	4.825	4.727	4.927	55.690	50.000	11.4
Dieldrin	6.218	6.119	6.319	49.780	50.000	-0.4
Endosulfan I	5.964	5.865	6.065	48.700	50.000	-2.6
Endosulfan II	6.641	6.543	6.743	47.680	50.000	-4.6
Endosulfan sulfate	6.986	6.888	7.088	49.410	50.000	-1.2
Endrin	6.430	6.332	6.532	45.730	50.000	-8.5
Endrin aldehyde	6.764	6.666	6.866	49.280	50.000	-1.4
Endrin ketone	7.447	7.348	7.548	53.240	50.000	6.5
gamma-BHC (Lindane)	4.444	4.345	4.545	54.660	50.000	9.3
gamma-Chlordane	5.848	5.749	5.949	49.510	50.000	-1.0
Heptachlor	4.939	4.840	5.040	53.150	50.000	6.3
Heptachlor epoxide	5.616	5.518	5.718	51.270	50.000	2.5
Methoxychlor	7.325	7.227	7.427	59.890	50.000	19.8
Tetrachloro-m-xylene	3.790	3.691	3.891	52.290	50.000	4.6

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01
Lab Code: CHEM **Case No.:** H2720 **SAS No.:** H2720 **SDG NO.:** H2720
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/15/2016 04/15/2016

Client Sample No.: CCAL04 **Date Analyzed:** 04/29/2016

Lab Sample No.: PSTDCCC050 **Data File :** PL017600.D **Time Analyzed:** 14:31

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.492	5.393	5.593	55.200	50.000	10.4
4,4'-DDE	5.004	4.906	5.106	54.550	50.000	9.1
4,4'-DDT	5.713	5.615	5.815	51.690	50.000	3.4
Aldrin	4.160	4.061	4.261	54.240	50.000	8.5
alpha-BHC	3.435	3.336	3.536	54.210	50.000	8.4
alpha-Chlordane	4.833	4.735	4.935	52.560	50.000	5.1
beta-BHC	3.934	3.836	4.036	54.430	50.000	8.9
Decachlorobiphenyl	7.469	7.371	7.571	48.980	50.000	-2.0
delta-BHC	4.106	4.007	4.207	54.940	50.000	9.9
Dieldrin	5.104	5.006	5.206	52.990	50.000	6.0
Endosulfan I	4.878	4.779	4.979	52.540	50.000	5.1
Endosulfan II	5.609	5.510	5.710	50.430	50.000	0.9
Endosulfan sulfate	5.977	5.879	6.079	50.860	50.000	1.7
Endrin	5.343	5.244	5.444	49.860	50.000	-0.3
Endrin aldehyde	5.774	5.676	5.876	50.120	50.000	0.2
Endrin ketone	6.437	6.339	6.539	51.330	50.000	2.7
gamma-BHC (Lindane)	3.691	3.592	3.792	54.310	50.000	8.6
gamma-Chlordane	4.779	4.681	4.881	52.910	50.000	5.8
Heptachlor	3.942	3.844	4.044	56.980	50.000	14.0
Heptachlor epoxide	4.572	4.473	4.673	53.920	50.000	7.8
Methoxychlor	6.256	6.158	6.358	55.600	50.000	11.2
Tetrachloro-m-xylene	3.023	2.924	3.124	53.990	50.000	8.0

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No. (PEM): PEM - PL017267.D Date Analyzed: 04/15/2016

Lab Sample No.(PEM): PEM Time Analyzed: 16:46

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.745	8.645	8.845	18.990	20.000	-5.1
Tetrachloro-m-xylene	3.791	3.691	3.891	17.630	20.000	-11.9
alpha-BHC	4.167	4.067	4.267	7.280	10.000	-27.2
beta-BHC	4.619	4.519	4.719	8.040	10.000	-19.6
gamma-BHC (Lindane)	4.444	4.344	4.544	7.690	10.000	-23.1
Endrin	6.432	6.332	6.532	44.590	50.000	-10.8
4,4'-DDT	6.864	6.764	6.964	98.420	100.000	-1.6
Methoxychlor	7.327	7.227	7.427	301.790	250.000	20.7

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No. (PEM): PEM - PL017267.D Date Analyzed: 04/15/2016

Lab Sample No.(PEM): PEM Time Analyzed: 16:46

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.471	7.371	7.571	19.840	20.000	-0.8
Tetrachloro-m-xylene	3.024	2.924	3.124	18.440	20.000	-7.8
alpha-BHC	3.437	3.337	3.537	9.370	10.000	-6.3
beta-BHC	3.934	3.834	4.034	14.310	10.000	43.1
gamma-BHC (Lindane)	3.692	3.592	3.792	9.700	10.000	-3.0
Endrin	5.344	5.244	5.444	45.380	50.000	-9.2
4,4'-DDT	5.715	5.615	5.815	90.090	100.000	-9.9
Methoxychlor	6.257	6.157	6.357	203.340	250.000	-18.7

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No. (PEM): PEM - PL017545.D Date Analyzed: 04/28/2016

Lab Sample No.(PEM): PEM Time Analyzed: 09:40

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.744	8.644	8.844	19.390	20.000	-3.1
Tetrachloro-m-xylene	3.791	3.691	3.891	16.510	20.000	-17.5
alpha-BHC	4.167	4.067	4.267	6.210	10.000	-37.9
beta-BHC	4.619	4.519	4.719	8.970	10.000	-10.3
gamma-BHC (Lindane)	4.443	4.343	4.543	7.010	10.000	-29.9
Endrin	6.432	6.332	6.532	40.310	50.000	-19.4
4,4'-DDT	6.863	6.763	6.963	95.360	100.000	-4.6
Methoxychlor	7.327	7.227	7.427	315.270	250.000	26.1

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No. (PEM): PEM - PL017545.D Date Analyzed: 04/28/2016

Lab Sample No.(PEM): PEM Time Analyzed: 09:40

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.470	7.370	7.570	20.420	20.000	2.1
Tetrachloro-m-xylene	3.023	2.923	3.123	18.920	20.000	-5.4
alpha-BHC	3.435	3.335	3.535	9.490	10.000	-5.1
beta-BHC	3.933	3.833	4.033	15.070	10.000	50.7
gamma-BHC (Lindane)	3.691	3.591	3.791	9.850	10.000	-1.5
Endrin	5.343	5.243	5.443	43.600	50.000	-12.8
4,4'-DDT	5.713	5.613	5.813	88.710	100.000	-11.3
Methoxychlor	6.256	6.156	6.356	208.660	250.000	-16.5

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No. (PEM): PEM - PL017586.D Date Analyzed: 04/29/2016

Lab Sample No.(PEM): PEM Time Analyzed: 11:14

PEM COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.742	8.642	8.842	18.170	20.000	-9.2
Tetrachloro-m-xylene	3.790	3.690	3.890	16.180	20.000	-19.1
alpha-BHC	4.165	4.065	4.265	6.000	10.000	-40.0
beta-BHC	4.617	4.517	4.717	8.970	10.000	-10.3
gamma-BHC (Lindane)	4.442	4.342	4.542	6.800	10.000	-32.0
Endrin	6.430	6.330	6.530	37.750	50.000	-24.5
4,4'-DDT	6.862	6.762	6.962	87.090	100.000	-12.9
Methoxychlor	7.324	7.224	7.424	282.890	250.000	13.2

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No. (PEM): PEM - PL017586.D Date Analyzed: 04/29/2016

Lab Sample No.(PEM): PEM Time Analyzed: 11:14

PEM COMPOUND	RT	RT WINDOW FROM	TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.468	7.368	7.568	19.510	20.000	-2.5
Tetrachloro-m-xylene	3.023	2.923	3.123	19.230	20.000	-3.9
alpha-BHC	3.435	3.335	3.535	9.660	10.000	-3.4
beta-BHC	3.933	3.833	4.033	15.840	10.000	58.4
gamma-BHC (Lindane)	3.691	3.591	3.791	10.020	10.000	0.2
Endrin	5.343	5.243	5.443	42.350	50.000	-15.3
4,4'-DDT	5.713	5.613	5.813	85.490	100.000	-14.5
Methoxychlor	6.255	6.155	6.355	194.610	250.000	-22.2

Analytical Sequence

Client: LaBella Associates P.C.

SDG No.: H2720

Project: 4185 Military Road, Niagara, NY

Instrument ID: ECD_L

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 04/15/2016

04/15/2016

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	04/15/2016	16:32	PL017266.D	8.74	3.79
PEM	PEM	04/15/2016	16:46	PL017267.D	8.75	3.79
RESCHK	RESCHK	04/15/2016	17:00	PL017268.D	8.74	3.79
PSTDICC100	PSTDICC100	04/15/2016	17:14	PL017269.D	8.75	3.79
PSTDICC075	PSTDICC075	04/15/2016	17:28	PL017270.D	8.75	3.79
PSTDICC050	PSTDICC050	04/15/2016	17:42	PL017271.D	8.75	3.79
PSTDICC025	PSTDICC025	04/15/2016	17:56	PL017272.D	8.75	3.79
PSTDICC005	PSTDICC005	04/15/2016	18:10	PL017273.D	8.75	3.79
PTOXICC500	PTOXICC500	04/15/2016	18:52	PL017276.D	8.75	3.79
PCHLORICC500	PCHLORICC500	04/15/2016	19:48	PL017280.D	8.75	3.79
PEM	PEM	04/28/2016	09:40	PL017545.D	8.74	3.79
IBLK	IBLK	04/28/2016	16:52	PL017570.D	8.74	3.79
PSTDCCC050	PSTDCCC050	04/28/2016	17:06	PL017571.D	8.75	3.79
PB90163BL	PB90163BL	04/28/2016	17:20	PL017572.D	8.74	3.79
PB90163BS	PB90163BS	04/28/2016	17:34	PL017573.D	8.74	3.79
SS1	H2720-05	04/28/2016	17:48	PL017574.D	8.74	3.79
SS2	H2720-06	04/28/2016	18:02	PL017575.D	8.74	3.79
SS3	H2720-07	04/28/2016	18:16	PL017576.D	8.74	3.79
SS4	H2720-08	04/28/2016	18:30	PL017577.D	8.74	3.79
SS5	H2720-09	04/28/2016	18:44	PL017578.D	8.74	3.79
SS5MS	H2720-10MS	04/28/2016	18:58	PL017579.D	8.74	3.79
SS5MSD	H2720-11MSD	04/28/2016	19:12	PL017580.D	8.74	3.79
SS6	H2720-12	04/28/2016	19:26	PL017581.D	8.74	3.79
IBLK	IBLK	04/28/2016	19:40	PL017582.D	8.74	3.79
PSTDCCC050	PSTDCCC050	04/28/2016	19:54	PL017583.D	8.74	3.79
IBLK	IBLK	04/29/2016	11:00	PL017585.D	8.74	3.79
PEM	PEM	04/29/2016	11:14	PL017586.D	8.74	3.79
PSTDCCC050	PSTDCCC050	04/29/2016	11:28	PL017587.D	8.74	3.79
SS7	H2720-13	04/29/2016	11:43	PL017588.D	8.74	3.79
DUP	H2720-14	04/29/2016	11:57	PL017589.D	8.74	3.79
TP-6D02	H2720-15	04/29/2016	12:11	PL017590.D	8.74	3.79
TP-8D46	H2720-16	04/29/2016	12:25	PL017591.D	8.74	3.79
TP-10D46	H2720-17	04/29/2016	12:39	PL017592.D	8.74	3.79
TP-11D24	H2720-18	04/29/2016	12:53	PL017593.D	8.74	3.79
TP-13D24	H2720-19	04/29/2016	13:07	PL017594.D	8.74	3.79
TP-14D02	H2720-20	04/29/2016	13:21	PL017595.D	8.74	3.79
TP-18D24	H2720-21	04/29/2016	13:35	PL017596.D	8.74	3.79
IBLK	IBLK	04/29/2016	14:17	PL017599.D	8.74	3.79
PSTDCCC050	PSTDCCC050	04/29/2016	14:31	PL017600.D	8.74	3.79

Analytical Sequence

Client: LaBella Associates P.C.

SDG No.: H2720

Project: 4185 Military Road, Niagara, NY

Instrument ID: ECD_L

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 04/15/2016

04/15/2016

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	04/15/2016	16:32	PL017266.D	7.47	3.02
PEM	PEM	04/15/2016	16:46	PL017267.D	7.47	3.02
RESCHK	RESCHK	04/15/2016	17:00	PL017268.D	7.47	3.02
PSTDICC100	PSTDICC100	04/15/2016	17:14	PL017269.D	7.47	3.02
PSTDICC075	PSTDICC075	04/15/2016	17:28	PL017270.D	7.47	3.02
PSTDICC050	PSTDICC050	04/15/2016	17:42	PL017271.D	7.47	3.02
PSTDICC025	PSTDICC025	04/15/2016	17:56	PL017272.D	7.47	3.02
PSTDICC005	PSTDICC005	04/15/2016	18:10	PL017273.D	7.47	3.02
PTOXICC500	PTOXICC500	04/15/2016	18:52	PL017276.D	7.47	3.02
PCHLORICC500	PCHLORICC500	04/15/2016	19:48	PL017280.D	7.47	3.02
PEM	PEM	04/28/2016	09:40	PL017545.D	7.47	3.02
IBLK	IBLK	04/28/2016	16:52	PL017570.D	7.47	3.02
PSTDCCC050	PSTDCCC050	04/28/2016	17:06	PL017571.D	7.47	3.02
PB90163BL	PB90163BL	04/28/2016	17:20	PL017572.D	7.47	3.02
PB90163BS	PB90163BS	04/28/2016	17:34	PL017573.D	7.47	3.02
SS1	H2720-05	04/28/2016	17:48	PL017574.D	7.47	3.02
SS2	H2720-06	04/28/2016	18:02	PL017575.D	7.47	3.02
SS3	H2720-07	04/28/2016	18:16	PL017576.D	7.47	3.02
SS4	H2720-08	04/28/2016	18:30	PL017577.D	7.47	3.02
SS5	H2720-09	04/28/2016	18:44	PL017578.D	7.47	3.02
SS5MS	H2720-10MS	04/28/2016	18:58	PL017579.D	7.47	3.02
SS5MSD	H2720-11MSD	04/28/2016	19:12	PL017580.D	7.47	3.02
SS6	H2720-12	04/28/2016	19:26	PL017581.D	7.47	3.02
IBLK	IBLK	04/28/2016	19:40	PL017582.D	7.47	3.02
PSTDCCC050	PSTDCCC050	04/28/2016	19:54	PL017583.D	7.47	3.02
IBLK	IBLK	04/29/2016	11:00	PL017585.D	7.47	3.02
PEM	PEM	04/29/2016	11:14	PL017586.D	7.47	3.02
PSTDCCC050	PSTDCCC050	04/29/2016	11:28	PL017587.D	7.47	3.02
SS7	H2720-13	04/29/2016	11:43	PL017588.D	7.47	3.02
DUP	H2720-14	04/29/2016	11:57	PL017589.D	7.47	3.02
TP-6D02	H2720-15	04/29/2016	12:11	PL017590.D	7.47	3.02
TP-8D46	H2720-16	04/29/2016	12:25	PL017591.D	7.47	3.02
TP-10D46	H2720-17	04/29/2016	12:39	PL017592.D	7.47	3.02
TP-11D24	H2720-18	04/29/2016	12:53	PL017593.D	7.47	3.02
TP-13D24	H2720-19	04/29/2016	13:07	PL017594.D	7.47	3.02
TP-14D02	H2720-20	04/29/2016	13:21	PL017595.D	7.47	3.02
TP-18D24	H2720-21	04/29/2016	13:35	PL017596.D	7.47	3.02
IBLK	IBLK	04/29/2016	14:17	PL017599.D	7.47	3.02
PSTDCCC050	PSTDCCC050	04/29/2016	14:31	PL017600.D	7.47	3.02

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB90163BS

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

SDG NO.: H2720

Lab Sample ID: PB90163BS

Date(s) Analyzed: 04/28/2016

04/28/2016

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column:(2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.64	6.59	6.69	17.1	2.4
	2	5.61	5.56	5.66	16.7	
4,4'-DDD	1	6.57	6.52	6.62	20	7.3
	2	5.49	5.44	5.54	18.6	
4,4'-DDT	1	6.86	6.81	6.91	18	2.2
	2	5.71	5.66	5.76	17.6	
Endrin aldehyde	1	6.77	6.72	6.82	17.4	4.1
	2	5.77	5.72	5.82	16.7	
Endosulfan sulfate	1	6.99	6.94	7.04	16.7	0
	2	5.98	5.93	6.03	16.7	
Methoxychlor	1	7.33	7.28	7.38	21	9.5
	2	6.26	6.21	6.31	19.1	
Endrin ketone	1	7.45	7.40	7.50	18.8	4.7
	2	6.44	6.39	6.49	19.7	
alpha-BHC	1	4.17	4.12	4.22	18	2.2
	2	3.44	3.39	3.49	17.6	
gamma-BHC (Lindane)	1	4.44	4.39	4.49	18.2	2.2
	2	3.69	3.64	3.74	17.8	
Heptachlor	1	4.94	4.89	4.99	18.4	5.8
	2	3.94	3.89	3.99	19.5	
Aldrin	1	5.24	5.19	5.29	17.8	0
	2	4.16	4.11	4.21	17.8	
beta-BHC	1	4.62	4.57	4.67	17.4	0
	2	3.94	3.89	3.99	17.4	
delta-BHC	1	4.83	4.78	4.88	17	1.2
	2	4.11	4.06	4.16	16.8	
Heptachlor epoxide	1	5.62	5.57	5.67	18.4	1.6
	2	4.57	4.52	4.62	18.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB90163BS

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

SDG NO.: H2720

Lab Sample ID: PB90163BS

Date(s) Analyzed: 04/28/2016

04/28/2016

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	5.96	5.91	6.01	17.9	1.7
	2	4.88	4.83	4.93	17.6	
gamma-Chlordane	1	5.85	5.80	5.90	18	2.2
	2	4.78	4.73	4.83	17.6	
alpha-Chlordane	1	5.92	5.87	5.97	17.8	1.7
	2	4.83	4.78	4.88	17.5	
4,4'-DDE	1	6.08	6.03	6.13	19.3	5.3
	2	5.00	4.95	5.05	18.3	
Dieldrin	1	6.22	6.17	6.27	18.2	1.1
	2	5.10	5.05	5.15	18	
Endrin	1	6.43	6.38	6.48	17.1	0
	2	5.34	5.29	5.39	17.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SS3

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

SDG NO.: H2720

Lab Sample ID: H2720-07

Date(s) Analyzed: 04/28/2016 04/28/2016

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column:(2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
gamma-BHC (Lindane)	1	4.43	4.38	4.48	1.9	17.1
	2	3.69	3.64	3.74	1.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SS4

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

SDG NO.: H2720

Lab Sample ID: H2720-08

Date(s) Analyzed: 04/28/2016 04/28/2016

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column:(2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
gamma-BHC (Lindane)	1	4.42	4.37	4.47	1.8	5.7
	2	3.69	3.64	3.74	1.7	
4,4'-DDE	1	6.09	6.04	6.14	2.9	45.3
	2	5.02	4.97	5.07	4.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SS5MS

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

SDG NO.: H2720

Lab Sample ID: H2720-10MS

Date(s) Analyzed: 04/28/2016
04/28/2016

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column:(2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.64	6.59	6.69	19.1	5.1
	2	5.61	5.56	5.66	20.1	
4,4'-DDD	1	6.57	6.52	6.62	22	3.2
	2	5.49	5.44	5.54	21.3	
4,4'-DDT	1	6.86	6.81	6.91	20.1	3.9
	2	5.71	5.66	5.76	20.9	
Endrin aldehyde	1	6.77	6.72	6.82	17.7	1.1
	2	5.77	5.72	5.82	17.9	
Endosulfan sulfate	1	6.99	6.94	7.04	19.4	1
	2	5.98	5.93	6.03	19.6	
Methoxychlor	1	7.33	7.28	7.38	25.3	14.9
	2	6.26	6.21	6.31	21.8	
Endrin ketone	1	7.45	7.40	7.50	21.6	8.2
	2	6.44	6.39	6.49	19.9	
alpha-BHC	1	4.17	4.12	4.22	23.1	5.3
	2	3.44	3.39	3.49	21.9	
gamma-BHC (Lindane)	1	4.44	4.39	4.49	21.9	1.4
	2	3.69	3.64	3.74	21.6	
Heptachlor	1	4.94	4.89	4.99	20.5	9.3
	2	3.94	3.89	3.99	22.5	
Aldrin	1	5.24	5.19	5.29	20.3	2.9
	2	4.16	4.11	4.21	20.9	
beta-BHC	1	4.62	4.57	4.67	22.6	1.3
	2	3.93	3.88	3.98	22.3	
delta-BHC	1	4.83	4.78	4.88	21.4	0
	2	4.11	4.06	4.16	21.4	
Heptachlor epoxide	1	5.62	5.57	5.67	20.6	3.3
	2	4.57	4.52	4.62	21.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SS5MS

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

SDG NO.: H2720

Lab Sample ID: H2720-10MS

Date(s) Analyzed: 04/28/2016

04/28/2016

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	5.96	5.91	6.01	20.7	3.8
	2	4.88	4.83	4.93	21.5	
gamma-Chlordane	1	5.85	5.80	5.90	20	3.9
	2	4.78	4.73	4.83	20.8	
alpha-Chlordane	1	5.92	5.87	5.97	20.2	2.9
	2	4.83	4.78	4.88	20.8	
4,4'-DDE	1	6.08	6.03	6.13	19.8	6.4
	2	5.00	4.95	5.05	21.1	
Dieldrin	1	6.22	6.17	6.27	19.5	6
	2	5.10	5.05	5.15	20.7	
Endrin	1	6.43	6.38	6.48	18.9	12.9
	2	5.34	5.29	5.39	21.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SS5MSD

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

SDG NO.: H2720

Lab Sample ID: H2720-11MSD

Date(s) Analyzed: 04/28/2016
04/28/2016

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column:(2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.64	6.59	6.69	19.2	2.6
	2	5.61	5.56	5.66	19.7	
4,4'-DDD	1	6.57	6.52	6.62	22	4.2
	2	5.49	5.44	5.54	21.1	
4,4'-DDT	1	6.86	6.81	6.91	20.1	3.4
	2	5.71	5.66	5.76	20.8	
Endrin aldehyde	1	6.77	6.72	6.82	17.7	1.1
	2	5.77	5.72	5.82	17.9	
Endosulfan sulfate	1	6.99	6.94	7.04	19.5	0.5
	2	5.98	5.93	6.03	19.6	
Methoxychlor	1	7.33	7.28	7.38	25.5	15.6
	2	6.26	6.21	6.31	21.8	
Endrin ketone	1	7.45	7.40	7.50	22.4	11.8
	2	6.44	6.39	6.49	19.9	
alpha-BHC	1	4.17	4.12	4.22	22.1	2.3
	2	3.44	3.39	3.49	21.6	
gamma-BHC (Lindane)	1	4.45	4.40	4.50	21.5	0.5
	2	3.69	3.64	3.74	21.4	
Heptachlor	1	4.94	4.89	4.99	20.4	8
	2	3.94	3.89	3.99	22.1	
Aldrin	1	5.24	5.19	5.29	19.9	3.5
	2	4.16	4.11	4.21	20.6	
beta-BHC	1	4.62	4.57	4.67	22.1	9.5
	2	3.93	3.88	3.98	20.1	
delta-BHC	1	4.83	4.78	4.88	21.2	0.5
	2	4.11	4.06	4.16	21.3	
Heptachlor epoxide	1	5.62	5.57	5.67	20.6	2.4
	2	4.57	4.52	4.62	21.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SS5MSD

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

SDG NO.: H2720

Lab Sample ID: H2720-11MSD

Date(s) Analyzed: 04/28/2016

04/28/2016

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column:(2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	5.97	5.92	6.02	20.5	3.8
	2	4.88	4.83	4.93	21.3	
gamma-Chlordane	1	5.85	5.80	5.90	20.1	2
	2	4.78	4.73	4.83	20.5	
alpha-Chlordane	1	5.92	5.87	5.97	20.2	2
	2	4.83	4.78	4.88	20.6	
4,4'-DDE	1	6.08	6.03	6.13	19.8	5.9
	2	5.00	4.95	5.05	21	
Dieldrin	1	6.22	6.17	6.27	19.5	5
	2	5.10	5.05	5.15	20.5	
Endrin	1	6.43	6.38	6.48	18.8	13.4
	2	5.34	5.29	5.39	21.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-14D02

Contract: LABE01

Lab Code: CHEM Case No.: H2720 SAS No.: H2720 SDG NO.: H2720

Lab Sample ID: H2720-20 Date(s) Analyzed: 04/29/2016 04/29/2016

Instrument ID (1): ECD_L Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
gamma-BHC (Lindane)	1	4.42	4.37	4.47	0.7945	8.2
	2	3.69	3.64	3.74	0.8621	

LAB CHRONICLE

OrderID:	H2720	OrderDate:	4/25/2016 1:46:32 PM
Client:	LaBella Associates P.C.	Project:	4185 Military Road, Niagara, NY
Contact:	Adam Zebrowski	Location:	O23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2720-05	SS1	SOIL			04/21/16			04/25/16
			Mercury	7471A		04/27/16	04/27/16	
			Metals ICP-RCRA	6010C		04/27/16	04/28/16	
H2720-06	SS2	SOIL			04/21/16			04/25/16
			Mercury	7471A		04/27/16	04/27/16	
			Metals ICP-RCRA	6010C		04/27/16	04/28/16	
H2720-07	SS3	SOIL			04/22/16			04/25/16
			Mercury	7471A		04/27/16	04/27/16	
			Metals ICP-RCRA	6010C		04/27/16	04/28/16	
H2720-08	SS4	SOIL			04/22/16			04/25/16
			Mercury	7471A		04/27/16	04/27/16	
			Metals ICP-RCRA	6010C		04/27/16	04/28/16	
H2720-09	SS5	SOIL			04/22/16			04/25/16
			Mercury	7471A		04/27/16	04/27/16	
			Metals ICP-RCRA	6010C		04/27/16	04/28/16	
H2720-12	SS6	SOIL			04/22/16			04/25/16
			Mercury	7471A		04/27/16	04/27/16	
			Metals ICP-RCRA	6010C		04/27/16	04/28/16	
H2720-13	SS7	SOIL			04/22/16			04/25/16
			Mercury	7471A		04/27/16	04/27/16	
			Metals ICP-RCRA	6010C		04/27/16	04/28/16	
H2720-14	DUP	SOIL			04/21/16			04/25/16
			Mercury	7471A		04/27/16	04/27/16	
			Metals ICP-RCRA	6010C		04/27/16	04/28/16	
H2720-15	TP-6D02	SOIL			04/21/16			04/25/16
			Mercury	7471A		04/27/16	04/27/16	

LAB CHRONICLE

H2720-16	TP-8D46	SOIL	Metals ICP-RCRA	6010C	04/21/16	04/27/16	04/28/16	04/25/16
			Mercury	7471A		04/27/16	04/27/16	
H2720-17	TP-10D46	SOIL	Metals ICP-RCRA	6010C	04/22/16	04/27/16	04/28/16	04/25/16
			Mercury	7471A		04/27/16	04/27/16	
H2720-18	TP-11D24	SOIL	Metals ICP-RCRA	6010C	04/22/16	04/27/16	04/28/16	04/25/16
			Mercury	7471A		04/27/16	04/27/16	
H2720-19	TP-13D24	SOIL	Metals ICP-RCRA	6010C	04/22/16	04/27/16	04/28/16	04/25/16
			Mercury	7471A		04/27/16	04/27/16	
H2720-20	TP-14D02	SOIL	Metals ICP-RCRA	6010C	04/22/16	04/27/16	04/28/16	04/25/16
			Mercury	7471A		04/27/16	04/27/16	
H2720-21	TP-18D24	SOIL	Metals ICP-RCRA	6010C	04/22/16	04/27/16	04/28/16	04/25/16
			Mercury	7471A		04/27/16	04/27/16	

Hit Summary Sheet
SW-846

SDG No.: H2720

Order ID: H2720

Client: LaBella Associates P.C.

Project ID: 4185 Military Road, Niagara, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : SS1									
H2720-05	SS1	SOIL	Arsenic	5.600		0.264	0.264	1.06	mg/Kg
H2720-05	SS1	SOIL	Barium	80.800		0.423	1.32	5.28	mg/Kg
H2720-05	SS1	SOIL	Chromium	17.900		0.132	0.132	0.528	mg/Kg
H2720-05	SS1	SOIL	Lead	17.800		0.127	0.264	0.634	mg/Kg
H2720-05	SS1	SOIL	Mercury	0.080		0.008	0.008	0.015	mg/Kg
H2720-05	SS1	SOIL	Selenium	0.630	J	0.264	0.264	1.06	mg/Kg
Client ID : SS2									
H2720-06	SS2	SOIL	Arsenic	11.800		0.266	0.266	1.06	mg/Kg
H2720-06	SS2	SOIL	Barium	37.300		0.426	1.33	5.32	mg/Kg
H2720-06	SS2	SOIL	Cadmium	0.245	J	0.064	0.08	0.319	mg/Kg
H2720-06	SS2	SOIL	Chromium	9.370		0.133	0.133	0.532	mg/Kg
H2720-06	SS2	SOIL	Lead	30.100		0.128	0.266	0.639	mg/Kg
H2720-06	SS2	SOIL	Mercury	0.078		0.008	0.008	0.015	mg/Kg
H2720-06	SS2	SOIL	Selenium	0.805	J	0.266	0.266	1.06	mg/Kg
Client ID : SS3									
H2720-07	SS3	SOIL	Arsenic	3.320		0.241	0.241	0.962	mg/Kg
H2720-07	SS3	SOIL	Barium	31.700		0.385	1.2	4.81	mg/Kg
H2720-07	SS3	SOIL	Cadmium	0.486		0.058	0.072	0.289	mg/Kg
H2720-07	SS3	SOIL	Chromium	8.000		0.12	0.12	0.481	mg/Kg
H2720-07	SS3	SOIL	Lead	75.900		0.115	0.241	0.577	mg/Kg
H2720-07	SS3	SOIL	Mercury	0.116		0.007	0.007	0.015	mg/Kg
Client ID : SS4									
H2720-08	SS4	SOIL	Arsenic	5.710		0.257	0.257	1.03	mg/Kg
H2720-08	SS4	SOIL	Barium	114.000		0.412	1.29	5.15	mg/Kg
H2720-08	SS4	SOIL	Cadmium	0.644		0.062	0.077	0.309	mg/Kg
H2720-08	SS4	SOIL	Chromium	55.100		0.129	0.129	0.515	mg/Kg
H2720-08	SS4	SOIL	Lead	63.300		0.124	0.257	0.618	mg/Kg
H2720-08	SS4	SOIL	Mercury	0.097		0.008	0.008	0.016	mg/Kg
H2720-08	SS4	SOIL	Selenium	0.511	J	0.257	0.257	1.03	mg/Kg
Client ID : SS5									
H2720-09	SS5	SOIL	Arsenic	5.310		0.27	0.27	1.08	mg/Kg
H2720-09	SS5	SOIL	Barium	113.000		0.431	1.35	5.39	mg/Kg
H2720-09	SS5	SOIL	Chromium	19.600		0.135	0.135	0.539	mg/Kg
H2720-09	SS5	SOIL	Lead	12.600		0.129	0.27	0.647	mg/Kg
H2720-09	SS5	SOIL	Mercury	0.041		0.008	0.008	0.016	mg/Kg
H2720-09	SS5	SOIL	Selenium	0.824	J	0.27	0.27	1.08	mg/Kg

Hit Summary Sheet SW-846

SDG No.: H2720

Order ID: H2720

Client: LaBella Associates P.C.

Project ID: 4185 Military Road, Niagara, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : SS6									
H2720-12	SS6	SOIL	Arsenic	5.220		0.254	0.254	1.02	mg/Kg
H2720-12	SS6	SOIL	Barium	94.100		0.406	1.27	5.08	mg/Kg
H2720-12	SS6	SOIL	Cadmium	0.677		0.061	0.076	0.305	mg/Kg
H2720-12	SS6	SOIL	Chromium	1,460.000		0.127	0.127	0.508	mg/Kg
H2720-12	SS6	SOIL	Lead	27.400		0.122	0.254	0.61	mg/Kg
H2720-12	SS6	SOIL	Mercury	0.122		0.008	0.008	0.016	mg/Kg
H2720-12	SS6	SOIL	Selenium	0.469	J	0.254	0.254	1.02	mg/Kg
Client ID : SS7									
H2720-13	SS7	SOIL	Arsenic	4.580		0.242	0.242	0.969	mg/Kg
H2720-13	SS7	SOIL	Barium	98.800		0.388	1.21	4.84	mg/Kg
H2720-13	SS7	SOIL	Cadmium	0.737		0.058	0.073	0.291	mg/Kg
H2720-13	SS7	SOIL	Chromium	18.600		0.121	0.121	0.484	mg/Kg
H2720-13	SS7	SOIL	Lead	19.800		0.116	0.242	0.581	mg/Kg
H2720-13	SS7	SOIL	Mercury	0.048		0.007	0.007	0.013	mg/Kg
H2720-13	SS7	SOIL	Selenium	0.413	J	0.242	0.242	0.969	mg/Kg
Client ID : DUP									
H2720-14	DUP	SOIL	Arsenic	5.890		0.252	0.252	1.01	mg/Kg
H2720-14	DUP	SOIL	Barium	85.500		0.403	1.26	5.04	mg/Kg
H2720-14	DUP	SOIL	Chromium	18.800		0.126	0.126	0.504	mg/Kg
H2720-14	DUP	SOIL	Lead	18.700		0.121	0.252	0.604	mg/Kg
H2720-14	DUP	SOIL	Mercury	0.077		0.008	0.008	0.015	mg/Kg
H2720-14	DUP	SOIL	Selenium	0.816	J	0.252	0.252	1.01	mg/Kg
Client ID : TP-6D02									
H2720-15	TP-6D02	SOIL	Arsenic	5.630		0.241	0.241	0.962	mg/Kg
H2720-15	TP-6D02	SOIL	Barium	75.000		0.385	1.2	4.81	mg/Kg
H2720-15	TP-6D02	SOIL	Chromium	17.600		0.12	0.12	0.481	mg/Kg
H2720-15	TP-6D02	SOIL	Lead	18.200		0.115	0.241	0.577	mg/Kg
H2720-15	TP-6D02	SOIL	Mercury	0.060		0.008	0.008	0.016	mg/Kg
H2720-15	TP-6D02	SOIL	Selenium	0.613	J	0.241	0.241	0.962	mg/Kg
Client ID : TP-8D46									
H2720-16	TP-8D46	SOIL	Arsenic	5.620		0.281	0.281	1.13	mg/Kg
H2720-16	TP-8D46	SOIL	Barium	104.000		0.45	1.41	5.63	mg/Kg
H2720-16	TP-8D46	SOIL	Cadmium	0.492		0.068	0.084	0.338	mg/Kg
H2720-16	TP-8D46	SOIL	Chromium	17.600		0.141	0.141	0.563	mg/Kg
H2720-16	TP-8D46	SOIL	Lead	10.200		0.135	0.281	0.676	mg/Kg
H2720-16	TP-8D46	SOIL	Mercury	0.017		0.008	0.008	0.016	mg/Kg
Client ID : TP-10D46									
H2720-17	TP-10D46	SOIL	Arsenic	4.340		0.257	0.257	1.03	mg/Kg

Hit Summary Sheet SW-846

SDG No.: H2720

Order ID: H2720

Client: LaBella Associates P.C.

Project ID: 4185 Military Road, Niagara, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
H2720-17	TP-10D46	SOIL	Barium	110.000		0.412	1.29	5.15	mg/Kg
H2720-17	TP-10D46	SOIL	Cadmium	0.369		0.062	0.077	0.309	mg/Kg
H2720-17	TP-10D46	SOIL	Chromium	17.900		0.129	0.129	0.515	mg/Kg
H2720-17	TP-10D46	SOIL	Lead	9.090		0.124	0.257	0.618	mg/Kg
H2720-17	TP-10D46	SOIL	Mercury	0.018		0.008	0.008	0.017	mg/Kg
Client ID : TP-11D24									
H2720-18	TP-11D24	SOIL	Arsenic	4.940		0.269	0.269	1.07	mg/Kg
H2720-18	TP-11D24	SOIL	Barium	118.000		0.43	1.34	5.37	mg/Kg
H2720-18	TP-11D24	SOIL	Cadmium	0.171	J	0.064	0.081	0.322	mg/Kg
H2720-18	TP-11D24	SOIL	Chromium	22.300		0.134	0.134	0.537	mg/Kg
H2720-18	TP-11D24	SOIL	Lead	14.100		0.129	0.269	0.645	mg/Kg
H2720-18	TP-11D24	SOIL	Mercury	0.049		0.008	0.008	0.015	mg/Kg
H2720-18	TP-11D24	SOIL	Selenium	0.575	J	0.269	0.269	1.07	mg/Kg
Client ID : TP-13D24									
H2720-19	TP-13D24	SOIL	Arsenic	5.160		0.251	0.251	1.01	mg/Kg
H2720-19	TP-13D24	SOIL	Barium	108.000		0.402	1.26	5.03	mg/Kg
H2720-19	TP-13D24	SOIL	Cadmium	0.389		0.06	0.075	0.302	mg/Kg
H2720-19	TP-13D24	SOIL	Chromium	16.200		0.126	0.126	0.503	mg/Kg
H2720-19	TP-13D24	SOIL	Lead	9.020		0.121	0.251	0.603	mg/Kg
H2720-19	TP-13D24	SOIL	Mercury	0.018		0.008	0.008	0.016	mg/Kg
Client ID : TP-14D02									
H2720-20	TP-14D02	SOIL	Arsenic	5.340		0.255	0.255	1.02	mg/Kg
H2720-20	TP-14D02	SOIL	Barium	81.800		0.407	1.27	5.09	mg/Kg
H2720-20	TP-14D02	SOIL	Cadmium	0.741		0.061	0.076	0.305	mg/Kg
H2720-20	TP-14D02	SOIL	Chromium	889.000		0.127	0.127	0.509	mg/Kg
H2720-20	TP-14D02	SOIL	Lead	43.700		0.122	0.255	0.611	mg/Kg
H2720-20	TP-14D02	SOIL	Mercury	0.112		0.007	0.007	0.015	mg/Kg
H2720-20	TP-14D02	SOIL	Selenium	0.351	J	0.255	0.255	1.02	mg/Kg
Client ID : TP-18D24									
H2720-21	TP-18D24	SOIL	Arsenic	4.720		0.266	0.266	1.06	mg/Kg
H2720-21	TP-18D24	SOIL	Barium	128.000		0.425	1.33	5.32	mg/Kg
H2720-21	TP-18D24	SOIL	Cadmium	0.238	J	0.064	0.08	0.319	mg/Kg
H2720-21	TP-18D24	SOIL	Chromium	18.900		0.133	0.133	0.532	mg/Kg
H2720-21	TP-18D24	SOIL	Lead	9.550		0.128	0.266	0.638	mg/Kg
H2720-21	TP-18D24	SOIL	Mercury	0.028		0.007	0.007	0.014	mg/Kg
H2720-21	TP-18D24	SOIL	Selenium	0.913	J	0.266	0.266	1.06	mg/Kg

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS1	SDG No.:	H2720
Lab Sample ID:	H2720-05	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	5.6	N	1	0.264	0.264	1.06	mg/Kg	04/27/16 12:30	04/28/16 12:12	SW6010
7440-39-3	Barium	80.8		1	0.423	1.32	5.28	mg/Kg	04/27/16 12:30	04/28/16 12:12	SW6010
7440-43-9	Cadmium	0.317	U	1	0.063	0.079	0.317	mg/Kg	04/27/16 12:30	04/28/16 12:12	SW6010
7440-47-3	Chromium	17.9	N	1	0.132	0.132	0.528	mg/Kg	04/27/16 12:30	04/28/16 12:12	SW6010
7439-92-1	Lead	17.8		1	0.127	0.264	0.634	mg/Kg	04/27/16 12:30	04/28/16 12:12	SW6010
7439-97-6	Mercury	0.08		1	0.008	0.008	0.015	mg/Kg	04/27/16 09:33	04/27/16 18:56	SW7471A
7782-49-2	Selenium	0.63	JN	1	0.264	0.264	1.06	mg/Kg	04/27/16 12:30	04/28/16 12:12	SW6010
7440-22-4	Silver	0.528	UN	1	0.132	0.132	0.528	mg/Kg	04/27/16 12:30	04/28/16 12:12	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS2	SDG No.:	H2720
Lab Sample ID:	H2720-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	81.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	11.8	N	1	0.266	0.266	1.06	mg/Kg	04/27/16 12:30	04/28/16 12:16	SW6010
7440-39-3	Barium	37.3		1	0.426	1.33	5.32	mg/Kg	04/27/16 12:30	04/28/16 12:16	SW6010
7440-43-9	Cadmium	0.245	J	1	0.064	0.08	0.319	mg/Kg	04/27/16 12:30	04/28/16 12:16	SW6010
7440-47-3	Chromium	9.37	N	1	0.133	0.133	0.532	mg/Kg	04/27/16 12:30	04/28/16 12:16	SW6010
7439-92-1	Lead	30.1		1	0.128	0.266	0.639	mg/Kg	04/27/16 12:30	04/28/16 12:16	SW6010
7439-97-6	Mercury	0.078		1	0.008	0.008	0.015	mg/Kg	04/27/16 09:33	04/27/16 18:58	SW7471A
7782-49-2	Selenium	0.805	JN	1	0.266	0.266	1.06	mg/Kg	04/27/16 12:30	04/28/16 12:16	SW6010
7440-22-4	Silver	0.532	UN	1	0.133	0.133	0.532	mg/Kg	04/27/16 12:30	04/28/16 12:16	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS3	SDG No.:	H2720
Lab Sample ID:	H2720-07	Matrix:	SOIL
Level (low/med):	low	% Solid:	90

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	3.32	N	1	0.241	0.241	0.962	mg/Kg	04/27/16 12:30	04/28/16 12:20	SW6010
7440-39-3	Barium	31.7		1	0.385	1.2	4.81	mg/Kg	04/27/16 12:30	04/28/16 12:20	SW6010
7440-43-9	Cadmium	0.486		1	0.058	0.072	0.289	mg/Kg	04/27/16 12:30	04/28/16 12:20	SW6010
7440-47-3	Chromium	8	N	1	0.12	0.12	0.481	mg/Kg	04/27/16 12:30	04/28/16 12:20	SW6010
7439-92-1	Lead	75.9		1	0.115	0.241	0.577	mg/Kg	04/27/16 12:30	04/28/16 12:20	SW6010
7439-97-6	Mercury	0.116		1	0.007	0.007	0.015	mg/Kg	04/27/16 09:33	04/27/16 19:00	SW7471A
7782-49-2	Selenium	0.962	UN	1	0.241	0.241	0.962	mg/Kg	04/27/16 12:30	04/28/16 12:20	SW6010
7440-22-4	Silver	0.481	UN	1	0.12	0.12	0.481	mg/Kg	04/27/16 12:30	04/28/16 12:20	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS4	SDG No.:	H2720
Lab Sample ID:	H2720-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	5.71	N	1	0.257	0.257	1.03	mg/Kg	04/27/16 12:30	04/28/16 12:24	SW6010
7440-39-3	Barium	114		1	0.412	1.29	5.15	mg/Kg	04/27/16 12:30	04/28/16 12:24	SW6010
7440-43-9	Cadmium	0.644		1	0.062	0.077	0.309	mg/Kg	04/27/16 12:30	04/28/16 12:24	SW6010
7440-47-3	Chromium	55.1	N	1	0.129	0.129	0.515	mg/Kg	04/27/16 12:30	04/28/16 12:24	SW6010
7439-92-1	Lead	63.3		1	0.124	0.257	0.618	mg/Kg	04/27/16 12:30	04/28/16 12:24	SW6010
7439-97-6	Mercury	0.097		1	0.008	0.008	0.016	mg/Kg	04/27/16 09:33	04/27/16 19:07	SW7471A
7782-49-2	Selenium	0.511	JN	1	0.257	0.257	1.03	mg/Kg	04/27/16 12:30	04/28/16 12:24	SW6010
7440-22-4	Silver	0.515	UN	1	0.129	0.129	0.515	mg/Kg	04/27/16 12:30	04/28/16 12:24	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS5	SDG No.:	H2720
Lab Sample ID:	H2720-09	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	5.31	N	1	0.27	0.27	1.08	mg/Kg	04/27/16 12:30	04/28/16 12:28	SW6010
7440-39-3	Barium	113		1	0.431	1.35	5.39	mg/Kg	04/27/16 12:30	04/28/16 12:28	SW6010
7440-43-9	Cadmium	0.323	U	1	0.065	0.081	0.323	mg/Kg	04/27/16 12:30	04/28/16 12:28	SW6010
7440-47-3	Chromium	19.6	N	1	0.135	0.135	0.539	mg/Kg	04/27/16 12:30	04/28/16 12:28	SW6010
7439-92-1	Lead	12.6		1	0.129	0.27	0.647	mg/Kg	04/27/16 12:30	04/28/16 12:28	SW6010
7439-97-6	Mercury	0.041		1	0.008	0.008	0.016	mg/Kg	04/27/16 09:33	04/27/16 19:09	SW7471A
7782-49-2	Selenium	0.824	JN	1	0.27	0.27	1.08	mg/Kg	04/27/16 12:30	04/28/16 12:28	SW6010
7440-22-4	Silver	0.539	UN	1	0.135	0.135	0.539	mg/Kg	04/27/16 12:30	04/28/16 12:28	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS6	SDG No.:	H2720
Lab Sample ID:	H2720-12	Matrix:	SOIL
Level (low/med):	low	% Solid:	81

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	5.22	N	1	0.254	0.254	1.02	mg/Kg	04/27/16 12:30	04/28/16 13:17	SW6010
7440-39-3	Barium	94.1		1	0.406	1.27	5.08	mg/Kg	04/27/16 12:30	04/28/16 13:17	SW6010
7440-43-9	Cadmium	0.677		1	0.061	0.076	0.305	mg/Kg	04/27/16 12:30	04/28/16 13:17	SW6010
7440-47-3	Chromium	1460	N	1	0.127	0.127	0.508	mg/Kg	04/27/16 12:30	04/28/16 13:17	SW6010
7439-92-1	Lead	27.4		1	0.122	0.254	0.61	mg/Kg	04/27/16 12:30	04/28/16 13:17	SW6010
7439-97-6	Mercury	0.122		1	0.008	0.008	0.016	mg/Kg	04/27/16 09:33	04/27/16 19:18	SW7471A
7782-49-2	Selenium	0.469	JN	1	0.254	0.254	1.02	mg/Kg	04/27/16 12:30	04/28/16 13:17	SW6010
7440-22-4	Silver	0.508	UN	1	0.127	0.127	0.508	mg/Kg	04/27/16 12:30	04/28/16 13:17	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	SS7	SDG No.:	H2720
Lab Sample ID:	H2720-13	Matrix:	SOIL
Level (low/med):	low	% Solid:	87.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	4.58	N	1	0.242	0.242	0.969	mg/Kg	04/27/16 12:30	04/28/16 13:21	SW6010
7440-39-3	Barium	98.8		1	0.388	1.21	4.84	mg/Kg	04/27/16 12:30	04/28/16 13:21	SW6010
7440-43-9	Cadmium	0.737		1	0.058	0.073	0.291	mg/Kg	04/27/16 12:30	04/28/16 13:21	SW6010
7440-47-3	Chromium	18.6	N	1	0.121	0.121	0.484	mg/Kg	04/27/16 12:30	04/28/16 13:21	SW6010
7439-92-1	Lead	19.8		1	0.116	0.242	0.581	mg/Kg	04/27/16 12:30	04/28/16 13:21	SW6010
7439-97-6	Mercury	0.048		1	0.007	0.007	0.013	mg/Kg	04/27/16 09:33	04/27/16 19:21	SW7471A
7782-49-2	Selenium	0.413	JN	1	0.242	0.242	0.969	mg/Kg	04/27/16 12:30	04/28/16 13:21	SW6010
7440-22-4	Silver	0.484	UN	1	0.121	0.121	0.484	mg/Kg	04/27/16 12:30	04/28/16 13:21	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	DUP	SDG No.:	H2720
Lab Sample ID:	H2720-14	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	5.89	N	1	0.252	0.252	1.01	mg/Kg	04/27/16 12:30	04/28/16 13:25	SW6010
7440-39-3	Barium	85.5		1	0.403	1.26	5.04	mg/Kg	04/27/16 12:30	04/28/16 13:25	SW6010
7440-43-9	Cadmium	0.302	U	1	0.06	0.076	0.302	mg/Kg	04/27/16 12:30	04/28/16 13:25	SW6010
7440-47-3	Chromium	18.8	N	1	0.126	0.126	0.504	mg/Kg	04/27/16 12:30	04/28/16 13:25	SW6010
7439-92-1	Lead	18.7		1	0.121	0.252	0.604	mg/Kg	04/27/16 12:30	04/28/16 13:25	SW6010
7439-97-6	Mercury	0.077		1	0.008	0.008	0.015	mg/Kg	04/27/16 09:33	04/27/16 19:23	SW7471A
7782-49-2	Selenium	0.816	JN	1	0.252	0.252	1.01	mg/Kg	04/27/16 12:30	04/28/16 13:25	SW6010
7440-22-4	Silver	0.504	UN	1	0.126	0.126	0.504	mg/Kg	04/27/16 12:30	04/28/16 13:25	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-6D02	SDG No.:	H2720
Lab Sample ID:	H2720-15	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	5.63	N	1	0.241	0.241	0.962	mg/Kg	04/27/16 12:30	04/28/16 13:29	SW6010
7440-39-3	Barium	75		1	0.385	1.2	4.81	mg/Kg	04/27/16 12:30	04/28/16 13:29	SW6010
7440-43-9	Cadmium	0.289	U	1	0.058	0.072	0.289	mg/Kg	04/27/16 12:30	04/28/16 13:29	SW6010
7440-47-3	Chromium	17.6	N	1	0.12	0.12	0.481	mg/Kg	04/27/16 12:30	04/28/16 13:29	SW6010
7439-92-1	Lead	18.2		1	0.115	0.241	0.577	mg/Kg	04/27/16 12:30	04/28/16 13:29	SW6010
7439-97-6	Mercury	0.06		1	0.008	0.008	0.016	mg/Kg	04/27/16 09:33	04/27/16 19:25	SW7471A
7782-49-2	Selenium	0.613	JN	1	0.241	0.241	0.962	mg/Kg	04/27/16 12:30	04/28/16 13:29	SW6010
7440-22-4	Silver	0.481	UN	1	0.12	0.12	0.481	mg/Kg	04/27/16 12:30	04/28/16 13:29	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-8D46	SDG No.:	H2720
Lab Sample ID:	H2720-16	Matrix:	SOIL
Level (low/med):	low	% Solid:	73.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	5.62	N	1	0.281	0.281	1.13	mg/Kg	04/27/16 12:30	04/28/16 13:33	SW6010
7440-39-3	Barium	104		1	0.45	1.41	5.63	mg/Kg	04/27/16 12:30	04/28/16 13:33	SW6010
7440-43-9	Cadmium	0.492		1	0.068	0.084	0.338	mg/Kg	04/27/16 12:30	04/28/16 13:33	SW6010
7440-47-3	Chromium	17.6	N	1	0.141	0.141	0.563	mg/Kg	04/27/16 12:30	04/28/16 13:33	SW6010
7439-92-1	Lead	10.2		1	0.135	0.281	0.676	mg/Kg	04/27/16 12:30	04/28/16 13:33	SW6010
7439-97-6	Mercury	0.017		1	0.008	0.008	0.016	mg/Kg	04/27/16 09:33	04/27/16 19:28	SW7471A
7782-49-2	Selenium	1.13	UN	1	0.281	0.281	1.13	mg/Kg	04/27/16 12:30	04/28/16 13:33	SW6010
7440-22-4	Silver	0.563	UN	1	0.141	0.141	0.563	mg/Kg	04/27/16 12:30	04/28/16 13:33	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-10D46	SDG No.:	H2720
Lab Sample ID:	H2720-17	Matrix:	SOIL
Level (low/med):	low	% Solid:	80.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	4.34	N	1	0.257	0.257	1.03	mg/Kg	04/27/16 12:30	04/28/16 13:38	SW6010
7440-39-3	Barium	110		1	0.412	1.29	5.15	mg/Kg	04/27/16 12:30	04/28/16 13:38	SW6010
7440-43-9	Cadmium	0.369		1	0.062	0.077	0.309	mg/Kg	04/27/16 12:30	04/28/16 13:38	SW6010
7440-47-3	Chromium	17.9	N	1	0.129	0.129	0.515	mg/Kg	04/27/16 12:30	04/28/16 13:38	SW6010
7439-92-1	Lead	9.09		1	0.124	0.257	0.618	mg/Kg	04/27/16 12:30	04/28/16 13:38	SW6010
7439-97-6	Mercury	0.018		1	0.008	0.008	0.017	mg/Kg	04/27/16 09:33	04/27/16 19:34	SW7471A
7782-49-2	Selenium	1.03	UN	1	0.257	0.257	1.03	mg/Kg	04/27/16 12:30	04/28/16 13:38	SW6010
7440-22-4	Silver	0.515	UN	1	0.129	0.129	0.515	mg/Kg	04/27/16 12:30	04/28/16 13:38	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-11D24	SDG No.:	H2720
Lab Sample ID:	H2720-18	Matrix:	SOIL
Level (low/med):	low	% Solid:	77.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	4.94	N	1	0.269	0.269	1.07	mg/Kg	04/27/16 12:30	04/28/16 13:42	SW6010
7440-39-3	Barium	118		1	0.43	1.34	5.37	mg/Kg	04/27/16 12:30	04/28/16 13:42	SW6010
7440-43-9	Cadmium	0.171	J	1	0.064	0.081	0.322	mg/Kg	04/27/16 12:30	04/28/16 13:42	SW6010
7440-47-3	Chromium	22.3	N	1	0.134	0.134	0.537	mg/Kg	04/27/16 12:30	04/28/16 13:42	SW6010
7439-92-1	Lead	14.1		1	0.129	0.269	0.645	mg/Kg	04/27/16 12:30	04/28/16 13:42	SW6010
7439-97-6	Mercury	0.049		1	0.008	0.008	0.015	mg/Kg	04/27/16 09:33	04/27/16 19:37	SW7471A
7782-49-2	Selenium	0.575	JN	1	0.269	0.269	1.07	mg/Kg	04/27/16 12:30	04/28/16 13:42	SW6010
7440-22-4	Silver	0.537	UN	1	0.134	0.134	0.537	mg/Kg	04/27/16 12:30	04/28/16 13:42	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-13D24	SDG No.:	H2720
Lab Sample ID:	H2720-19	Matrix:	SOIL
Level (low/med):	low	% Solid:	82.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	5.16	N	1	0.251	0.251	1.01	mg/Kg	04/27/16 12:30	04/28/16 13:46	SW6010
7440-39-3	Barium	108		1	0.402	1.26	5.03	mg/Kg	04/27/16 12:30	04/28/16 13:46	SW6010
7440-43-9	Cadmium	0.389		1	0.06	0.075	0.302	mg/Kg	04/27/16 12:30	04/28/16 13:46	SW6010
7440-47-3	Chromium	16.2	N	1	0.126	0.126	0.503	mg/Kg	04/27/16 12:30	04/28/16 13:46	SW6010
7439-92-1	Lead	9.02		1	0.121	0.251	0.603	mg/Kg	04/27/16 12:30	04/28/16 13:46	SW6010
7439-97-6	Mercury	0.018		1	0.008	0.008	0.016	mg/Kg	04/27/16 09:33	04/27/16 19:39	SW7471A
7782-49-2	Selenium	1.01	UN	1	0.251	0.251	1.01	mg/Kg	04/27/16 12:30	04/28/16 13:46	SW6010
7440-22-4	Silver	0.503	UN	1	0.126	0.126	0.503	mg/Kg	04/27/16 12:30	04/28/16 13:46	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-14D02	SDG No.:	H2720
Lab Sample ID:	H2720-20	Matrix:	SOIL
Level (low/med):	low	% Solid:	83.6

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	5.34	N	1	0.255	0.255	1.02	mg/Kg	04/27/16 12:30	04/28/16 14:17	SW6010
7440-39-3	Barium	81.8		1	0.407	1.27	5.09	mg/Kg	04/27/16 12:30	04/28/16 14:17	SW6010
7440-43-9	Cadmium	0.741		1	0.061	0.076	0.305	mg/Kg	04/27/16 12:30	04/28/16 14:17	SW6010
7440-47-3	Chromium	889	N	1	0.127	0.127	0.509	mg/Kg	04/27/16 12:30	04/28/16 14:17	SW6010
7439-92-1	Lead	43.7		1	0.122	0.255	0.611	mg/Kg	04/27/16 12:30	04/28/16 14:17	SW6010
7439-97-6	Mercury	0.112		1	0.007	0.007	0.015	mg/Kg	04/27/16 09:33	04/27/16 19:41	SW7471A
7782-49-2	Selenium	0.351	JN	1	0.255	0.255	1.02	mg/Kg	04/27/16 12:30	04/28/16 14:17	SW6010
7440-22-4	Silver	0.509	UN	1	0.127	0.127	0.509	mg/Kg	04/27/16 12:30	04/28/16 14:17	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TP-18D24	SDG No.:	H2720
Lab Sample ID:	H2720-21	Matrix:	SOIL
Level (low/med):	low	% Solid:	81.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	4.72	N	1	0.266	0.266	1.06	mg/Kg	04/27/16 12:30	04/28/16 14:22	SW6010
7440-39-3	Barium	128		1	0.425	1.33	5.32	mg/Kg	04/27/16 12:30	04/28/16 14:22	SW6010
7440-43-9	Cadmium	0.238	J	1	0.064	0.08	0.319	mg/Kg	04/27/16 12:30	04/28/16 14:22	SW6010
7440-47-3	Chromium	18.9	N	1	0.133	0.133	0.532	mg/Kg	04/27/16 12:30	04/28/16 14:22	SW6010
7439-92-1	Lead	9.55		1	0.128	0.266	0.638	mg/Kg	04/27/16 12:30	04/28/16 14:22	SW6010
7439-97-6	Mercury	0.028		1	0.007	0.007	0.014	mg/Kg	04/27/16 09:33	04/27/16 19:44	SW7471A
7782-49-2	Selenium	0.913	JN	1	0.266	0.266	1.06	mg/Kg	04/27/16 12:30	04/28/16 14:22	SW6010
7440-22-4	Silver	0.532	UN	1	0.133	0.133	0.532	mg/Kg	04/27/16 12:30	04/28/16 14:22	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

METAL CALIBRATION DATA

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C.

SDG No.: H2720

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV26	Mercury	3.8815	4.0	97	90 - 110	CV	04/27/2016	16:41	LB81288

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>LaBella Associates P.C.</u>	SDG No.:	<u>H2720</u>				
Contract:	<u>LABE01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>H2720</u>	SAS No.:	<u>H2720</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	PLASMA-PURE						

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis Date	Analysis Time	Run Number
		ug/L		Recovery	Window (%R)				
CCV12	Mercury	5.0254	5.0	100.5	90 - 110	CV	04/27/2016	16:45	LB81288
CCV13	Mercury	4.9993	5.0	100	90 - 110	CV	04/27/2016	17:13	LB81288
CCV14	Mercury	5.1346	5.0	102.7	90 - 110	CV	04/27/2016	17:40	LB81288
CCV15	Mercury	5.1213	5.0	102.4	90 - 110	CV	04/27/2016	18:08	LB81288
CCV16	Mercury	5.1342	5.0	102.7	90 - 110	CV	04/27/2016	18:35	LB81288
CCV17	Mercury	5.1708	5.0	103.4	90 - 110	CV	04/27/2016	19:02	LB81288
CCV18	Mercury	5.2247	5.0	104.5	90 - 110	CV	04/27/2016	19:30	LB81288
CCV19	Mercury	5.2525	5.0	105.1	90 - 110	CV	04/27/2016	19:46	LB81288
CCV20	Mercury	5.1658	5.0	103.3	90 - 110	CV	04/27/2016	20:06	LB81288

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>LaBella Associates P.C.</u>	SDG No.:	<u>H2720</u>				
Contract:	<u>LABE01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>H2720</u>	SAS No.:	<u>H2720</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	Inorganic Ventures						

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis Date	Analysis Time	Run Number
		ug/L		Recovery	Window (%R)				
ICV01	Arsenic	1024.3	999	102.5	90 - 110	P	04/28/2016	10:45	LB81325
	Barium	516.8	503	102.7	90 - 110	P	04/28/2016	10:45	LB81325
	Cadmium	494.36	496	99.7	90 - 110	P	04/28/2016	10:45	LB81325
	Chromium	509.4	490	104	90 - 110	P	04/28/2016	10:45	LB81325
	Lead	1000.9	1002	99.9	90 - 110	P	04/28/2016	10:45	LB81325
	Selenium	1015.3	1029	98.7	90 - 110	P	04/28/2016	10:45	LB81325
	Silver	513.9	501	102.6	90 - 110	P	04/28/2016	10:45	LB81325

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2720
Contract: LABE01 Lab Code: CHEM Case No.: H2720 SAS No.: H2720
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	21.93	20.0	109.7	70 - 130	P	04/28/2016	11:01	LB81325
	Barium	102.41	100	102.4	70 - 130	P	04/28/2016	11:01	LB81325
	Cadmium	5.75	6.0	95.8	70 - 130	P	04/28/2016	11:01	LB81325
	Chromium	9.76	10.0	97.6	70 - 130	P	04/28/2016	11:01	LB81325
	Lead	11.62	12.0	96.8	70 - 130	P	04/28/2016	11:01	LB81325
	Selenium	20.59	20.0	103	70 - 130	P	04/28/2016	11:01	LB81325
	Silver	9.58	10.0	95.8	70 - 130	P	04/28/2016	11:01	LB81325

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2720

Contract: LABE01 Lab Code: CHEM Case No.: H2720 SAS No.: H2720

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5035	5000	100.7	90 - 110	P	04/28/2016	11:34	LB81325
	Barium	10405	10000	104.1	90 - 110	P	04/28/2016	11:34	LB81325
	Cadmium	2515.5	2500	100.6	90 - 110	P	04/28/2016	11:34	LB81325
	Chromium	956.81	1000	95.7	90 - 110	P	04/28/2016	11:34	LB81325
	Lead	4937.1	5000	98.7	90 - 110	P	04/28/2016	11:34	LB81325
	Selenium	5035.9	5000	100.7	90 - 110	P	04/28/2016	11:34	LB81325
	Silver	1218.7	1250	97.5	90 - 110	P	04/28/2016	11:34	LB81325

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2720

Contract: LABE01 Lab Code: CHEM Case No.: H2720 SAS No.: H2720

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV01	Arsenic	19.3	20.0	96.5	70 - 130	P	04/28/2016	11:55	LB81325
	Barium	103.92	100	103.9	70 - 130	P	04/28/2016	11:55	LB81325
	Cadmium	5.77	6.0	96.2	70 - 130	P	04/28/2016	11:55	LB81325
	Chromium	8.76	10.0	87.6	70 - 130	P	04/28/2016	11:55	LB81325
	Lead	11.57	12.0	96.4	70 - 130	P	04/28/2016	11:55	LB81325
	Selenium	18.9	20.0	94.5	70 - 130	P	04/28/2016	11:55	LB81325
	Silver	9.15	10.0	91.5	70 - 130	P	04/28/2016	11:55	LB81325

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2720
Contract: LABE01 Lab Code: CHEM Case No.: H2720 SAS No.: H2720
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Arsenic	5012	5000	100.2	90 - 110	P	04/28/2016	13:02	LB81325
	Barium	10426	10000	104.3	90 - 110	P	04/28/2016	13:02	LB81325
	Cadmium	2498.2	2500	99.9	90 - 110	P	04/28/2016	13:02	LB81325
	Chromium	941.83	1000	94.2	90 - 110	P	04/28/2016	13:02	LB81325
	Lead	4891.8	5000	97.8	90 - 110	P	04/28/2016	13:02	LB81325
	Selenium	5023.8	5000	100.5	90 - 110	P	04/28/2016	13:02	LB81325
	Silver	1207.6	1250	96.6	90 - 110	P	04/28/2016	13:02	LB81325
CCV03	Arsenic	5071	5000	101.4	90 - 110	P	04/28/2016	14:09	LB81325
	Barium	10479	10000	104.8	90 - 110	P	04/28/2016	14:09	LB81325
	Cadmium	2510.9	2500	100.4	90 - 110	P	04/28/2016	14:09	LB81325
	Chromium	941.89	1000	94.2	90 - 110	P	04/28/2016	14:09	LB81325
	Lead	4921	5000	98.4	90 - 110	P	04/28/2016	14:09	LB81325
	Selenium	5091.5	5000	101.8	90 - 110	P	04/28/2016	14:09	LB81325
	Silver	1216.7	1250	97.3	90 - 110	P	04/28/2016	14:09	LB81325
CCV04	Arsenic	5058	5000	101.2	90 - 110	P	04/28/2016	15:20	LB81325
	Barium	10485	10000	104.9	90 - 110	P	04/28/2016	15:20	LB81325
	Cadmium	2496.2	2500	99.8	90 - 110	P	04/28/2016	15:20	LB81325
	Chromium	936.55	1000	93.7	90 - 110	P	04/28/2016	15:20	LB81325
	Lead	4890.6	5000	97.8	90 - 110	P	04/28/2016	15:20	LB81325
	Selenium	5059.5	5000	101.2	90 - 110	P	04/28/2016	15:20	LB81325
	Silver	1208.8	1250	96.7	90 - 110	P	04/28/2016	15:20	LB81325
CCV05	Arsenic	5022.6	5000	100.5	90 - 110	P	04/28/2016	16:16	LB81325
	Barium	10399	10000	104	90 - 110	P	04/28/2016	16:16	LB81325
	Cadmium	2475.2	2500	99	90 - 110	P	04/28/2016	16:16	LB81325
	Chromium	925.18	1000	92.5	90 - 110	P	04/28/2016	16:16	LB81325
	Lead	4848.3	5000	97	90 - 110	P	04/28/2016	16:16	LB81325
	Selenium	5008	5000	100.2	90 - 110	P	04/28/2016	16:16	LB81325
	Silver	1199.9	1250	96	90 - 110	P	04/28/2016	16:16	LB81325
CCV06	Arsenic	4953.7	5000	99.1	90 - 110	P	04/28/2016	17:13	LB81325
	Barium	10368	10000	103.7	90 - 110	P	04/28/2016	17:13	LB81325
	Cadmium	2466.6	2500	98.7	90 - 110	P	04/28/2016	17:13	LB81325
	Chromium	928.04	1000	92.8	90 - 110	P	04/28/2016	17:13	LB81325
	Lead	4830.1	5000	96.6	90 - 110	P	04/28/2016	17:13	LB81325
	Selenium	4930.5	5000	98.6	90 - 110	P	04/28/2016	17:13	LB81325

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C.

SDG No.: H2720

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV06	Silver	1193	1250	95.4	90 - 110	P	04/28/2016	17:13	LB81325

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2720

Contract: LABE01 Lab Code: CHEM Case No.: H2720 SAS No.: H2720

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV02	Arsenic	21.17	20.0	105.9	70 - 130	P	04/28/2016	17:17	LB81325
	Barium	102.69	100	102.7	70 - 130	P	04/28/2016	17:17	LB81325
	Cadmium	5.75	6.0	95.8	70 - 130	P	04/28/2016	17:17	LB81325
	Chromium	9.81	10.0	98.1	70 - 130	P	04/28/2016	17:17	LB81325
	Lead	9.68	12.0	80.7	70 - 130	P	04/28/2016	17:17	LB81325
	Selenium	17.3	20.0	86.5	70 - 130	P	04/28/2016	17:17	LB81325
	Silver	9.3	10.0	93	70 - 130	P	04/28/2016	17:17	LB81325

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>LaBella Associates P.C.</u>	SDG No.:	<u>H2720</u>				
Contract:	<u>LABE01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>H2720</u>	SAS No.:	<u>H2720</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	Inorganic Ventures						

Sample ID	Analyte	Result	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
		ug/L							
CCV07	Arsenic	4971.2	5000	99.4	90 - 110	P	04/28/2016	18:13	LB81325
	Barium	10260	10000	102.6	90 - 110	P	04/28/2016	18:13	LB81325
	Cadmium	2467.4	2500	98.7	90 - 110	P	04/28/2016	18:13	LB81325
	Chromium	924.35	1000	92.4	90 - 110	P	04/28/2016	18:13	LB81325
	Lead	4827.7	5000	96.6	90 - 110	P	04/28/2016	18:13	LB81325
	Selenium	4979	5000	99.6	90 - 110	P	04/28/2016	18:13	LB81325
	Silver	1187.3	1250	95	90 - 110	P	04/28/2016	18:13	LB81325
CCV08	Arsenic	4942.4	5000	98.8	90 - 110	P	04/28/2016	19:02	LB81325
	Barium	10112	10000	101.1	90 - 110	P	04/28/2016	19:02	LB81325
	Cadmium	2469.9	2500	98.8	90 - 110	P	04/28/2016	19:02	LB81325
	Chromium	922.45	1000	92.2	90 - 110	P	04/28/2016	19:02	LB81325
	Lead	4821.4	5000	96.4	90 - 110	P	04/28/2016	19:02	LB81325
	Selenium	4985.2	5000	99.7	90 - 110	P	04/28/2016	19:02	LB81325
	Silver	1182.2	1250	94.6	90 - 110	P	04/28/2016	19:02	LB81325

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>LaBella Associates P.C.</u>	SDG No.:	<u>H2720</u>				
Contract:	<u>LABE01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>H2720</u>	SAS No.:	<u>H2720</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	Inorganic Ventures						

Sample ID	Analyte	Result	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
		ug/L							
LLCCV03	Arsenic	20.46	20.0	102.3	70 - 130	P	04/28/2016	19:06	LB81325
	Barium	102.54	100	102.5	70 - 130	P	04/28/2016	19:06	LB81325
	Cadmium	5.64	6.0	94	70 - 130	P	04/28/2016	19:06	LB81325
	Chromium	9.52	10.0	95.2	70 - 130	P	04/28/2016	19:06	LB81325
	Lead	10.2	12.0	85	70 - 130	P	04/28/2016	19:06	LB81325
	Selenium	19.62	20.0	98.1	70 - 130	P	04/28/2016	19:06	LB81325
	Silver	9.04	10.0	90.4	70 - 130	P	04/28/2016	19:06	LB81325

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>LaBella Associates P.C.</u>	SDG No.:	<u>H2720</u>				
Contract:	<u>LABE01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>H2720</u>	SAS No.:	<u>H2720</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	Inorganic Ventures						

Sample ID	Analyte	Result	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
		ug/L							
CCV09	Arsenic	4927.4	5000	98.5	90 - 110	P	04/28/2016	19:47	LB81325
	Barium	10007	10000	100.1	90 - 110	P	04/28/2016	19:47	LB81325
	Cadmium	2472.7	2500	98.9	90 - 110	P	04/28/2016	19:47	LB81325
	Chromium	940.96	1000	94.1	90 - 110	P	04/28/2016	19:47	LB81325
	Lead	4852.3	5000	97	90 - 110	P	04/28/2016	19:47	LB81325
	Selenium	4968.2	5000	99.4	90 - 110	P	04/28/2016	19:47	LB81325
	Silver	1187.9	1250	95	90 - 110	P	04/28/2016	19:47	LB81325



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: LaBella Associates P.C. SDG No.: H2720
 Contract: LABE01 Lab Code: CHEM Case No.: H2720 SAS No.: H2720
 Initial Calibration Source: _____
 Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.1917	0.2	95.9	40 - 160	CV	04/27/2016	16:50	LB81288
CRI01	Arsenic	21.1	20.0	105.5	40 - 160	P	04/28/2016	11:09	LB81325
	Barium	104.44	100	104.4	40 - 160	P	04/28/2016	11:09	LB81325
	Cadmium	5.87	6.0	97.8	40 - 160	P	04/28/2016	11:09	LB81325
	Chromium	9.53	10.0	95.3	40 - 160	P	04/28/2016	11:09	LB81325
	Lead	10.75	12.0	89.6	40 - 160	P	04/28/2016	11:09	LB81325
	Selenium	19.34	20.0	96.7	40 - 160	P	04/28/2016	11:09	LB81325
	Silver	9.36	10.0	93.6	40 - 160	P	04/28/2016	11:09	LB81325



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C. **SDG No.:** H2720
Contract: LABE01 **Lab Code:** CHEM **Case No.:** H2720 **SAS No.:** H2720

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB26	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	16:43	LB81288

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C. SDG No.: H2720
Contract: LABE01 Lab Code: CHEM Case No.: H2720 SAS No.: H2720

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB12	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	16:48	LB81288
CCB13	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	17:15	LB81288
CCB14	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	17:43	LB81288
CCB15	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	18:10	LB81288
CCB16	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	18:37	LB81288
CCB17	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	19:05	LB81288
CCB18	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	19:32	LB81288
CCB19	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	19:48	LB81288
CCB20	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	20:09	LB81288

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2720

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	11:05	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	11:05	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	11:05	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	11:05	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	11:05	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	11:05	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	11:05	LB81325

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2720

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	12:00	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	12:00	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	12:00	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	12:00	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	12:00	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	12:00	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	12:00	LB81325
CCB02	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	13:05	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	13:05	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	13:05	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	13:05	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	13:05	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	13:05	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	13:05	LB81325
CCB03	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	14:13	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	14:13	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	14:13	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	14:13	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	14:13	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	14:13	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	14:13	LB81325
CCB04	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	15:26	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	15:26	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	15:26	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	15:26	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	15:26	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	15:26	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	15:26	LB81325
CCB05	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	16:27	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	16:27	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	16:27	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	16:27	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	16:27	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	16:27	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	16:27	LB81325
CCB06	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	17:21	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	17:21	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	17:21	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	17:21	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	17:21	LB81325

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2720

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	17:21	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	17:21	LB81325
CCB07	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	18:17	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	18:17	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	18:17	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	18:17	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	18:17	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	18:17	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	18:17	LB81325
CCB08	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	19:10	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	19:10	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	19:10	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	19:10	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	19:10	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	19:10	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	19:10	LB81325
CCB09	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	19:51	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	19:51	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	19:51	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	19:51	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	19:51	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	19:51	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	19:51	LB81325

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2720

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB90124BL		SOLID		Batch Number:		PB90124		Prep Date:	04/27/2016	
	Mercury	0.013	<0.013	U	0.007	0.013	CV	04/27/2016	18:51	LB81288

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2720

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB90126BL		SOLID		Batch Number:		PB90126		Prep Date:		04/27/2016
	Arsenic	0.995	<0.995	U	0.249	0.995	P	04/28/2016	12:44	LB81325
	Barium	4.98	<4.98	U	1.24	4.98	P	04/28/2016	12:44	LB81325
	Cadmium	0.299	<0.299	U	0.075	0.299	P	04/28/2016	12:44	LB81325
	Chromium	0.498	<0.498	U	0.124	0.498	P	04/28/2016	12:44	LB81325
	Lead	0.597	<0.597	U	0.249	0.597	P	04/28/2016	12:44	LB81325
	Selenium	0.995	<0.995	U	0.249	0.995	P	04/28/2016	12:44	LB81325
	Silver	0.498	<0.498	U	0.124	0.498	P	04/28/2016	12:44	LB81325

Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client: LaBella Associates P.C. SDG No.: H2720
Contract: LABE01 Lab Code: CHEM Case No.: H2720 SAS No.: H2720
ICS Source: EPA Instrument ID: P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	8.65			-20	20	04/28/2016	11:13	LB81325
	Barium	7.25	6.0	120.8	-94	106	04/28/2016	11:13	LB81325
	Cadmium	0.72	1.0	72	-5	7	04/28/2016	11:13	LB81325
	Chromium	54.8	52.0	105.4	42	62	04/28/2016	11:13	LB81325
	Lead	-4.5			-12	12	04/28/2016	11:13	LB81325
	Selenium	4.19			-20	20	04/28/2016	11:13	LB81325
	Silver	-7			-10	10	04/28/2016	11:13	LB81325
ICSAB01	Arsenic	111	104	106.7	83	125	04/28/2016	11:18	LB81325
	Barium	527	537	98.1	337	737	04/28/2016	11:18	LB81325
	Cadmium	1020	972	104.9	778	1166	04/28/2016	11:18	LB81325
	Chromium	542	542	100	434	650	04/28/2016	11:18	LB81325
	Lead	41.5	49.0	84.7	39	59	04/28/2016	11:18	LB81325
	Selenium	49.8	46.0	108.3	11	81	04/28/2016	11:18	LB81325
	Silver	209	201	104	161	241	04/28/2016	11:18	LB81325

METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: LaBella Associates P.C. level: low sdg no.: H2720
contract: LABE01 lab code: CHEM case no.: H2720 sas no.: H2720
matrix: Solid sample id: H2720-09 client id: SS5MS
Percent Solids for Sample: 78.6 Spiked ID: H2720-10 Percent Solids for Spike Sample: 78.6

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	37.4		5.31		43.3	74	N	P
Barium	mg/Kg	75 - 125	135		113		10.8	204		P
Cadmium	mg/Kg	75 - 125	10.2		0.323	U	10.8	94.4		P
Chromium	mg/Kg	75 - 125	34.3		19.6		21.7	68	N	P
Lead	mg/Kg	75 - 125	64.4		12.6		54.1	96		P
Mercury	mg/Kg	80 - 124	0.347		0.041		0.33	93		CV
Selenium	mg/Kg	75 - 125	74.5		0.824	J	110	67	N	P
Silver	mg/Kg	75 - 125	1.96		0.539	U	4.1	47.8	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LaBella Associates P.C. **level:** low **sdg no.:** H2720
contract: LABE01 **lab code:** CHEM **case no.:** H2720 **sas no.:** H2720
matrix: Solid **sample id:** H2720-09 **client id:** SS5MSD
Percent Solids for Sample: 78.6 **Spiked ID:** H2720-11 **Percent Solids for Spike Sample:** 78.6

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	39.4		5.31		43.1	79		P
Barium	mg/Kg	75 - 125	144		113		10.8	287		P
Cadmium	mg/Kg	75 - 125	10.97		0.323	U	10.8	101.6		P
Chromium	mg/Kg	75 - 125	36.2		19.6		21.6	77		P
Lead	mg/Kg	75 - 125	68.9		12.6		53.9	104		P
Mercury	mg/Kg	80 - 124	0.344		0.041		0.32	95		CV
Selenium	mg/Kg	75 - 125	78.3		0.824	J	110	70	N	P
Silver	mg/Kg	75 - 125	2.1		0.539	U	4.0	52.5	N	P

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2720

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

Matrix: Solid

Level: LOW

Client ID: SS5A

Sample ID: H2720-09

Spiked ID: H2720-09A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	36.6		5.31		43.1	73		P
Chromium	mg/Kg	75 - 125	34.2		19.6		21.6	68		P
Selenium	mg/Kg	75 - 125	76.2		0.824	J	110	69		P
Silver	mg/Kg	75 - 125	1.92		0.539	U	4.0	48		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>LaBella Associates P.C.</u>	Level:	<u>LOW</u>	SDG No.:	<u>H2720</u>				
Contract:	<u>LABE01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>H2720</u>	SAS No.:	<u>H2720</u>		
Matrix:	<u>Solid</u>	Sample ID:	<u>H2720-09</u>	Client ID:	<u>SS5DUP</u>				
Percent Solids for Sample:	<u>78.6</u>	Duplicate ID	<u>H2720-09DUP</u>	Percent Solids for Spike Sample:	<u>78.6</u>				

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	mg/Kg	20	5.31		5.05		5		P
Barium	mg/Kg	20	113		111		2		P
Cadmium	mg/Kg	20	0.323	U	0.322	U			P
Chromium	mg/Kg	20	19.6		19.6		0		P
Lead	mg/Kg	20	12.6		12.3		2		P
Mercury	mg/Kg	20	0.041		0.039		5		CV
Selenium	mg/Kg	20	0.824	J	0.859	J	4		P
Silver	mg/Kg	20	0.539	U	0.537	U			P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: LaBella Associates P.C. **Level:** LOW **SDG No.:** H2720
Contract: LABE01 **Lab Code:** CHEM **Case No.:** H2720 **SAS No.:** H2720
Matrix: Solid **Sample ID:** H2720-10 **Client ID:** SS5MSD
Percent Solids for Sample: 78.6 **Duplicate ID** H2720-11 **Percent Solids for Spike Sample:** 78.6

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	mg/Kg	20	37.4		39.4		5		P
Barium	mg/Kg	20	135		144		6		P
Cadmium	mg/Kg	20	10.2		10.97		7		P
Chromium	mg/Kg	20	34.3		36.2		5		P
Lead	mg/Kg	20	64.4		68.9		7		P
Mercury	mg/Kg	20	0.347		0.344		1		CV
Selenium	mg/Kg	20	74.5		78.3		5		P
Silver	mg/Kg	20	1.96		2.1		7		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2720

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB90124BS Mercury	mg/Kg	0.28	0.249		88.9	80 - 124	CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2720

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB90126BS							
Arsenic	mg/Kg	39.6	38.1		96.2	70 - 130	P
Barium	mg/Kg	9.9	10.47		105.8	70 - 130	P
Cadmium	mg/Kg	9.9	9.36		94.5	70 - 130	P
Chromium	mg/Kg	19.8	19.1		96.5	70 - 130	P
Lead	mg/Kg	49.5	46.3		93.5	70 - 130	P
Selenium	mg/Kg	99.0	92.6		93.5	70 - 130	P
Silver	mg/Kg	3.7	3.37		91.1	70 - 130	P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

SS5L

Lab Name: Chemtech Consulting Group

Contract: LABE01

Lab Code: CHEM Lb No.: lb81325 Lab Sample ID : H2720-09L SDG No.: H2720

Matrix (soil/water): Solid Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence		Q	M
	C		C					
Arsenic	5.31		5.95		12			P
Barium	113		136		20			P
Cadmium	0.323	U	1.62	U				P
Chromium	19.6		24.7		26			P
Lead	12.6		13.2		5			P
Mercury	0.041		0.081	U	100.0			CV
Selenium	0.824	J	5.39	U	100.0			P
Silver	0.539	U	2.7	U				P

METAL PREPARATION & INSTRUMENT DATA

Metals

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Client: LaBella Associates P.C. **SDG No.:** H2720
Contract: LABE01 **Lab Code:** CHEM **Case No.:** H2720 **SAS No.:** H2720
Instrument ID: P4 **Preparation Method:**

Analyte	Wave- length (nm)	MDL	LOD	PQL	Date:
SOLIDS					
Method:	6010C				
Arsenic	189.04	0.25	0.25	1	
Barium	493.41	0.40	1.25	5	
Cadmium	226.50	0.060	0.075	0.3	
Chromium	267.72	0.125	0.125	0.5	
Lead	220.35	0.12	0.25	0.6	
Selenium	196.02	0.25	0.25	1	
Silver	328.07	0.125	0.125	0.5	

Metals
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Client: LaBella Associates P.C.

SDG No.: H2720

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

Instrument ID: CV1

Preparation Method:

Analyte	Wave- length (nm)	MDL	LOD	PQL	Date:
SOLIDS					
Method: Mercury	7471A 253.70	0.0050	0.005	0.01	

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: LaBella Associates P.C.

SDG No.: H2720

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0001030	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000840	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0001070	0.0000000	0.0000280	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001280	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001170	0.0000000	0.0000000

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: LaBella Associates P.C. **SDG No.:** H2720
Contract: LABE01 **Lab Code:** CHEM **Case No.:** H2720 **SAS No.:** H2720
Instrument ID: _____ **Date:** _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0002660
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: LaBella Associates P.C.
SDG No.: H2720
Contract: LABE01
Lab Code: CHEM
Case No.: H2720
SAS No.: H2720
Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0011220	0.0000000	0.0000000	0.0000000	0.0015300
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000600
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0002280	0.0000000
Lead	220.353	-0.0003060	0.0000000	0.0000000	0.0001250	-0.0013650
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0006680	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: LaBella Associates P.C. **SDG No.:** H2720
Contract: LABE01 **Lab Code:** CHEM **Case No.:** H2720 **SAS No.:** H2720
Instrument ID: _____ **Date:** _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	-0.0000930	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0002444	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: LaBella Associates P.C.

SDG No.: H2720

Contract: LABE01

Lab Code: CHEM

Case No.: H2720

SAS No.: H2720

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	-0.0040370	0.0000000

Metals
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LINEAR RANGES

Client: LaBella Associates P.C.
SDG No.: H2720
Contract: LABE01
Lab Code: CHEM
Case No.: H2720
SAS No.: H2720
Instrument ID: P4
Date: 02/20/2015

Analyte	Integration	LDR
	Time (sec)	
		ug/L
Arsenic	10	90000
Barium	10	100000
Cadmium	10	10000
Chromium	10	85000
Lead	10	280000
Selenium	10	45000
Silver	10	8500

METAL PREPARATION & ANALYICAL SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: LaBella Associates P.C. **SDG No.:** H2720
Contract: LABE01 **Lab Code:** CHEM **Method:**
Case No.: H2720 **SAS No.:** H2720

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB90124							
H2720-05	SS1	SAM	SOLID	04/27/2016	0.58	35.0	80.20
H2720-06	SS2	SAM	SOLID	04/27/2016	0.56	35.0	81.70
H2720-07	SS3	SAM	SOLID	04/27/2016	0.52	35.0	90.00
H2720-08	SS4	SAM	SOLID	04/27/2016	0.52	35.0	83.40
H2720-09	SS5	SAM	SOLID	04/27/2016	0.55	35.0	78.60
H2720-09DUP	SS5DUP	DUP	SOLID	04/27/2016	0.53	35.0	78.60
H2720-10	SS5MS	MS	SOLID	04/27/2016	0.54	35.0	78.60
H2720-11	SS5MSD	MSD	SOLID	04/27/2016	0.55	35.0	78.60
H2720-12	SS6	SAM	SOLID	04/27/2016	0.55	35.0	81.00
H2720-13	SS7	SAM	SOLID	04/27/2016	0.60	35.0	87.10
H2720-14	DUP	SAM	SOLID	04/27/2016	0.57	35.0	80.40
H2720-15	TP-6D02	SAM	SOLID	04/27/2016	0.53	35.0	84.50
H2720-16	TP-8D46	SAM	SOLID	04/27/2016	0.60	35.0	73.10
H2720-17	TP-10D46	SAM	SOLID	04/27/2016	0.52	35.0	80.30
H2720-18	TP-11D24	SAM	SOLID	04/27/2016	0.59	35.0	77.20
H2720-19	TP-13D24	SAM	SOLID	04/27/2016	0.53	35.0	82.90
H2720-20	TP-14D02	SAM	SOLID	04/27/2016	0.57	35.0	83.60
H2720-21	TP-18D24	SAM	SOLID	04/27/2016	0.60	35.0	81.80
PB90124BL	PB90124BL	MB	SOLID	04/27/2016	0.52	35.0	100.00
PB90124BS	PB90124BS	LCS	SOLID	04/27/2016	0.50	35.0	100.00

Metals

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SAMPLE PREPARATION SUMMARY

Client: LaBella Associates P.C.SDG No.: H2720Contract: LABE01Lab Code: CHEM

Method: _____

Case No.: H2720 SAS No.: H2720

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB90126							
H2720-05	SS1	SAM	SOLID	04/27/2016	2.36	100.0	80.20
H2720-06	SS2	SAM	SOLID	04/27/2016	2.30	100.0	81.70
H2720-07	SS3	SAM	SOLID	04/27/2016	2.31	100.0	90.00
H2720-08	SS4	SAM	SOLID	04/27/2016	2.33	100.0	83.40
H2720-09	SS5	SAM	SOLID	04/27/2016	2.36	100.0	78.60
H2720-09DUP	SS5DUP	DUP	SOLID	04/27/2016	2.37	100.0	78.60
H2720-10	SS5MS	MS	SOLID	04/27/2016	2.35	100.0	78.60
H2720-11	SS5MSD	MSD	SOLID	04/27/2016	2.36	100.0	78.60
H2720-12	SS6	SAM	SOLID	04/27/2016	2.43	100.0	81.00
H2720-13	SS7	SAM	SOLID	04/27/2016	2.37	100.0	87.10
H2720-14	DUP	SAM	SOLID	04/27/2016	2.47	100.0	80.40
H2720-15	TP-6D02	SAM	SOLID	04/27/2016	2.46	100.0	84.50
H2720-16	TP-8D46	SAM	SOLID	04/27/2016	2.43	100.0	73.10
H2720-17	TP-10D46	SAM	SOLID	04/27/2016	2.42	100.0	80.30
H2720-18	TP-11D24	SAM	SOLID	04/27/2016	2.41	100.0	77.20
H2720-19	TP-13D24	SAM	SOLID	04/27/2016	2.40	100.0	82.90
H2720-20	TP-14D02	SAM	SOLID	04/27/2016	2.35	100.0	83.60
H2720-21	TP-18D24	SAM	SOLID	04/27/2016	2.30	100.0	81.80
PB90126BL	PB90126BL	MB	SOLID	04/27/2016	2.01	100.0	100.00
PB90126BS	PB90126BS	LCS	SOLID	04/27/2016	2.02	100.0	100.00

metals
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ANALYSIS RUN LOG

Client: LaBella Associates P.C.
Contract: LABE01
Lab code: CHEM **Case no.:** H2720 **Sas no.:** H2720
Sdg no.: H2720
Instrument id number: **Method:**
Run number: LB81288
Start date: 04/27/2016 **End date:** 04/27/2016

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0.0	1	1626	HG
S0.2	S0.2	1	1629	HG
S2.5	S2.5	1	1631	HG
S5	S5.0	1	1633	HG
S7.5	S7.5	1	1636	HG
S10	S10.0	1	1638	HG
ICV26	ICV26	1	1641	HG
ICB26	ICB26	1	1643	HG
CCV12	CCV12	1	1645	HG
CCB12	CCB12	1	1648	HG
CRA	CRA	1	1650	HG
CCV13	CCV13	1	1713	HG
CCB13	CCB13	1	1715	HG
CCV14	CCV14	1	1740	HG
CCB14	CCB14	1	1743	HG
CCV15	CCV15	1	1808	HG
CCB15	CCB15	1	1810	HG
CCV16	CCV16	1	1835	HG
CCB16	CCB16	1	1837	HG
PB90124BL	PB90124BL	1	1851	HG
PB90124BS	PB90124BS	1	1853	HG
H2720-05	SS1	1	1856	HG
H2720-06	SS2	1	1858	HG
H2720-07	SS3	1	1900	HG
CCV17	CCV17	1	1902	HG
CCB17	CCB17	1	1905	HG
H2720-08	SS4	1	1907	HG
H2720-09	SS5	1	1909	HG
H2720-09DUP	SS5DUP	1	1912	HG
H2720-10	SS5MS	1	1914	HG
H2720-11	SS5MSD	1	1916	HG
H2720-12	SS6	1	1918	HG
H2720-13	SS7	1	1921	HG
H2720-14	DUP	1	1923	HG
H2720-15	TP-6D02	1	1925	HG
H2720-16	TP-8D46	1	1928	HG
CCV18	CCV18	1	1930	HG
CCB18	CCB18	1	1932	HG
H2720-17	TP-10D46	1	1934	HG
H2720-18	TP-11D24	1	1937	HG
H2720-19	TP-13D24	1	1939	HG
H2720-20	TP-14D02	1	1941	HG
H2720-21	TP-18D24	1	1944	HG

metals

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ANALYSIS RUN LOG

Client: LaBella Associates P.C.Contract: LABE01Lab code: CHEM Case no.: H2720 Sas no.: H2720Sdg no.: H2720Instrument id number: Method: Run number: LB81288Start date: 04/27/2016 End date: 04/27/2016

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV19	CCV19	1	1946	HG
CCB19	CCB19	1	1948	HG
H2720-09L	SS5L	5	2000	HG
CCV20	CCV20	1	2006	HG
CCB20	CCB20	1	2009	HG

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ANALYSIS RUN LOG

Client: LaBella Associates P.C.
Contract: LABE01
Lab code: CHEM **Case no.:** H2720 **Sas no.:** H2720
Sdg no.: H2720
Instrument id number: **Method:**
Run number: LB81325
Start date: 04/28/2016 **End date:** 04/28/2016

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1021	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1025	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1029	,
S3	S3	1	1033	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1037	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1041	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1045	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1101	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1105	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1109	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1113	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1118	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1134	Ag,As,Ba,Cd,Cr,Pb,Se
LLCCV01	LLCCV01	1	1155	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1200	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-05	SS1	1	1212	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-06	SS2	1	1216	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-07	SS3	1	1220	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-08	SS4	1	1224	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-09	SS5	1	1228	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-09DUP	SS5DUP	1	1232	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-09L	SS5L	5	1236	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-10	SS5MS	1	1240	Ag,As,Ba,Cd,Cr,Pb,Se
PB90126BL	PB90126BL	1	1244	Ag,As,Ba,Cd,Cr,Pb,Se
PB90126BS	PB90126BS	1	1249	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1302	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1305	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-11	SS5MSD	1	1309	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-09A	SS5A	1	1313	Ag,As,Cr,Se
H2720-12	SS6	1	1317	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-13	SS7	1	1321	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-14	DUP	1	1325	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-15	TP-6D02	1	1329	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-16	TP-8D46	1	1333	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-17	TP-10D46	1	1338	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-18	TP-11D24	1	1342	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-19	TP-13D24	1	1346	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1409	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1413	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-20	TP-14D02	1	1417	Ag,As,Ba,Cd,Cr,Pb,Se
H2720-21	TP-18D24	1	1422	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1520	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1526	Ag,As,Ba,Cd,Cr,Pb,Se

metals

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ANALYSIS RUN LOG

Client: LaBella Associates P.C.Contract: LABE01Lab code: CHEM Case no.: H2720 Sas no.: H2720Sdg no.: H2720Instrument id number: Method: Run number: LB81325Start date: 04/28/2016 End date: 04/28/2016

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV05	CCV05	1	1616	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1627	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1713	Ag,As,Ba,Cd,Cr,Pb,Se
LLCCV02	LLCCV02	1	1717	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1721	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1813	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1817	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	1902	Ag,As,Ba,Cd,Cr,Pb,Se
LLCCV03	LLCCV03	1	1906	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	1910	Ag,As,Ba,Cd,Cr,Pb,Se
CCV09	CCV09	1	1947	Ag,As,Ba,Cd,Cr,Pb,Se
CCB09	CCB09	1	1951	Ag,As,Ba,Cd,Cr,Pb,Se

SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. H2720
QUOTE NO. 037523
COC Number 037523

9.1

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Labella Associates
ADDRESS: 300 Pean Street Suite 130
CITY: Buffalo STATE: NY ZIP: 14202
ATTENTION: Adam Zebrowski
PHONE: 716-551-6281 FAX: 716-551-6282

CLIENT PROJECT INFORMATION

PROJECT NAME: 4185 Military Rd School
PROJECT NO.: 2160516 LOCATION: Wagana
PROJECT MANAGER: Adam Zebrowski
e-mail: azebrowski@labella.com
PHONE: 8488 FAX: ---

CLIENT BILLING INFORMATION

BILL TO: Labella PO#: ---
ADDRESS: ---
CITY: --- STATE: --- ZIP: ---
ATTENTION: --- PHONE: ---

DATA TURNAROUND INFORMATION

FAX: --- DAYS: ---
HARD COPY: --- DAYS: ---
EDD: --- DAYS: ---
PREAPPROVED TAT: ☐ YES ☐ NO
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ LEVEL 1: Results only ☐ Others: ---
☐ LEVEL 2: Results + QC
☐ LEVEL 3: Results (plus results raw data) + QC
☐ LEVEL 4: Results + QC (all raw data)
☐ EDD Format: ---

1 CP-51 VOCs + TLCS
2 CP-518 VOCs + TLCS
3 TCL VOCs + TLCS
4
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	TP-3D02	Soil	X	X	4/21/16	1000	4	X	X	X							
2.	TP-ID46		X		4/21/16	900	4	X	X								
3.	TPSD24		X		4/21/16	1100	4	X	X								
4.	Trp Blank	Water			4/22/16		1			X							
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: Adam Zebrowski DATE/TIME: 4/22/16 RECEIVED BY: UPS
RELINQUISHED BY: --- DATE/TIME: --- RECEIVED BY: ---
RELINQUISHED BY: UPS DATE/TIME: 4/25/16 RECEIVED FOR LAB BY: ---

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments: ---

Cooler Temp. ---
Ice in Cooler?: ☒

Page 1 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT
Shipment Complete: ☒ YES ☐ NO

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number

H2720
037522

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Yabula Associates
ADDRESS: 300 Pearl Street Suite 13
CITY: Buffalo STATE: NY ZIP: 14202
ATTENTION: Adam Zebrowski
PHONE: 716 551-6281 FAX: 716 551-6282

CLIENT PROJECT INFORMATION

PROJECT NAME: 4185 Military Rd. School
PROJECT NO. 2160516 LOCATION: Niagara
PROJECT MANAGER: Adam Zebrowski
e-mail: azebrowski@yabula.com
PHONE: 800 888 8888 FAX:

CLIENT BILLING INFORMATION

BILL TO: Yabula PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE: 716 551-6281

DATA TURNAROUND INFORMATION

FAX: _____ DAYS*
HARD COPY: _____ DAYS*
EDD: _____ DAYS*
PREAPPROVED TAT: ☐ YES ☐ NO
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ LEVEL 1: Results only ☐ Others _____
☐ LEVEL 2: Results + QC
☐ LEVEL 3: Results (plus results raw data) + QC
☐ LEVEL 4: Results + QC (all raw data)
☐ EDD Format: _____

1-TCL VOCs+HCS VOCs
2-TCL VOCs+HCS VOCs
3-TCL Pesticides via GC/MS
4-ECOA Metals via ICP
5-ECOA Metals via ICP
6-ECOA Metals via ICP
7-ECOA Metals via ICP
8-ECOA Metals via ICP
9-ECOA Metals via ICP

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	SS1	Soil	X		4/22/16	13:00		X	X	X	X						
2.	SS2	Soil	X		4/22/16	14:15		X	X	X	X						
3.	SS3	Soil	X		4/22/16	7:30		X	X	X	X						
4.	SS4	Soil	X		4/22/16	7:45		X	X	X	X						
5.	SS5	Soil	X		4/22/16	8:00		X	X	X	X						
6.	SS6	Soil	X		4/22/16	10:45		X	X	X	X						MS/MSO here
7.	SS7	Soil	X		4/22/16	1:330		X	X	X	X						
8.	Dup	Soil	X		4/22/16	14:00		X	X	X	X						
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:

DATE/TIME:

RECEIVED BY:

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY:

RELINQUISHED BY:

DATE/TIME:

RECEIVED BY:

Conditions of bottles or coolers at receipt:

☐ Compliant

☐ Non Compliant

Cooler Temp. _____

MeOH extraction requires an additional 4 oz jar for percent solid.

Comments:

Ice in Cooler?: _____

Page 2 of 3

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☐ YES ☐ NO

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number

036448

9.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Labella Associates
ADDRESS: 300 Pearl Street
CITY: Buffalo STATE: NY ZIP: 14202
ATTENTION: Adam Zebrowski
PHONE: 716-571-6282 FAX: 551-6282

CLIENT PROJECT INFORMATION

PROJECT NAME: 485 Military Rd.
PROJECT NO.: 218516 LOCATION: Wagner
PROJECT MANAGER: Adam Zebrowski
e-mail: azebrowski@labellapc.com
PHONE: _____ FAX: _____

CLIENT BILLING INFORMATION

BILL TO: _____ PO#: _____
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____
ATTENTION: _____ PHONE: _____

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: _____ DAYS *
EOD: _____ DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ LEVEL 1: Results only ☐ Others _____
☐ LEVEL 2: Results + QC
☐ LEVEL 3: Results (plus results raw data) + QC
☐ LEVEL 4: Results + QC (all raw data)
☐ EDD Format: _____

Handwritten notes:
TEL: 1-800-571-6282
FAX: 551-6282
E-MAIL: azebrowski@labellapc.com
P.O. BOX 1000
Buffalo, NY 14202

ANALYSIS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	Specify Preservatives A-HCl B-HNO ₃ C-H ₂ SO ₄ D-NaOH E-ICE F-Other	
1.	TP-6D02	Soil	X		4/20/16	1300		X	X	X	X							
2.	TP-8D46	Soil	X		4/21/16	1430		X	X	X	X							
3.	TP-10D46	Soil	X		4/20/16	740		X	X	X	X							
4.	TP-11D24	Soil	X		4/22/16	750		X	X	X	X							
5.	TP-13D24	Soil	X		4/20/16	840		X	X	X	X							
6.	TP-14D02	Soil	X		4/20/16	1050		X	X	X	X							
7.	TP-18D24	Soil	X		4/20/16	1340		X	X	X	X							
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY: [Signature] DATE/TIME: 4/20/16 1900 RECEIVED BY: UPS
RELINQUISHED BY: [Signature] DATE/TIME: 4/20/16 1900 RECEIVED BY: [Signature]
RELINQUISHED BY: UPS DATE/TIME: 4/20/16 1900 RECEIVED BY: [Signature]

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments: _____

Cooler Temp. _____
Ice in Cooler?: _____

Page _____ of _____

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number 035353

42720

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Labella Associates
ADDRESS: 300 Pearl Street Suite 130
CITY: Buffalo STATE: NY ZIP: 14202
ATTENTION: Adam Zebrowski
PHONE: 716-551-6281 FAX: 716-551-6282

CLIENT PROJECT INFORMATION

PROJECT NAME: 4185 Military Rd Schol
PROJECT NO: 2110516 LOCATION: Nagawick
PROJECT MANAGER: Adam Zebrowski
e-mail: azebrowski@labellape.com
PHONE: _____ FAX: _____

CLIENT BILLING INFORMATION

BILL TO: Labella PO#: _____
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____
ATTENTION: _____ PHONE: _____

DATA TURNAROUND INFORMATION

FAX: _____ DAYS: _____
HARD COPY: _____ DAYS: _____
EDD: _____ DAYS: _____
PREAPPROVED TAT: ☐ YES ☐ NO
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ LEVEL 1: Results only ☐ Others _____
☐ LEVEL 2: Results + QC
☐ LEVEL 3: Results (plus results raw data) + QC
☐ LEVEL 4: Results + QC (all raw data)
☐ EDD Format: _____

CP-57-TCU-VOCs-F
CP-57-DOCs-+TIC
Pesticides
PEBS
ECRA Metals

ANALYSIS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9		
1.	Stockpile #1	Soil	X	X	4/22/16	1000		X	X	X	X	X					Hold	
2.	Stockpile #2	Soil	X	X	4/22/16	1000		X	X	X	X	X					Hold	
3.																		
4.																		
5.																		
6.																		
7.																		
8.																		
9.																		
10.																		

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY: [Signature] DATE/TIME: 4/22/16 RECEIVED BY: [Signature]
RELINQUISHED BY: [Signature] DATE/TIME: 4/22/16 RECEIVED BY: [Signature]
RELINQUISHED BY: UPS DATE/TIME: 4/23/16 RECEIVED FOR LAB BY: [Signature]

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments: _____

Cooler Temp. _____

Ice in Cooler?: _____

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT.

Shipment Complete: ☒ YES ☐ NO

H2720 ①



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Shipping Document

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☐ EXPRESS (INTL.)
☐ DOCUMENTS ONLY
☐

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SATURDAY DELIVERY

1Z 153 E71 22 1002 6388



1Z 153 E71 22 1002 6388

SHIPMENT FROM

UPS ACCOUNT NO

153E79

REFERENCE NUMBER

2160516
J. Dombrowski
LABELLA ASSOCIATES, D.P.C.

TELEPHONE

300 PEARL STREET, SUITE 326

BUFFALO

NY 14202

UPS Next Day Air

DELIVER

TELEPHONE

che ech
28. beffield street
Mc tansden NJ 07

01071911

10 S

United Parcel Service, Louisville

SHIPMENT



1Z 153 E71 22 1002 6388

SHIPMENT ID NUMBER
1Z 153 E71 22 1002 6388

28 of 48 19950950

From: Dombrowski, Jessica <JDombrowski@LaBellaPC.com>
Sent: Saturday, April 23, 2016 7:40 PM
To: Jordan@chemtech.net
Cc: Zebrowski, Adam
Subject: FW: Bottle Order - 4185 Military Road, Niagara, New York Phase II ESA

Jordan:

Just a heads up, for the soil sampling, I needed 7 samples for surface soils in addition to 7 samples for subsurface sampling. I only had enough for one set of the soil samples (I used that set for the surface samples, Dup and MS/MSD). I had to scrounge up what I could from our office to submit the second set. I should have caught it earlier so you could have gotten me the jars, but I didn't realize it until I was ready to jar samples.

In addition, you will find two samples submitted from a stockpile on-Site (Stockpile #1 and Stockpile #2). They say "hold" on the COC because we don't have approval from our client yet.

If you have any questions, please let me know. I didn't have 8 oz. jars, so I used two 4 oz. per sample.

Jessica

Jessica Dombrowski

Environmental Analyst
LaBella Associates, D.P.C.
Direct: 716-710-3038 | jdombrowski@labellapc.com

From: Jordan Hedvat [<mailto:Jordan@chemtech.net>]
Sent: Friday, April 15, 2016 10:13 AM
To: Dombrowski, Jessica
Cc: Zebrowski, Adam
Subject: RE: Bottle Order - 4185 Military Road, Niagara, New York Phase II ESA

Hi Jessica,

I'm going over your request and will be in touch with the bottle order confirmation shortly.

Thank you,

Jordan Hedvat

CHEMTECH

284 Sheffield St. | Mountainside, NJ 07092
Direct: (908) 728-3144
jordan@chemtech.net | www.chemtech.net

Your Opinion Matters! Please Give Us Your [Feedback](#)

From: Dombrowski, Jessica [<mailto:JDombrowski@LaBellaPC.com>]
Sent: Thursday, April 14, 2016 7:07 PM
To: Karen@chemtech.net

Cc: Zebrowski, Adam

Subject: Bottle Order - 4185 Military Road, Niagara, New York Phase II ESA

Karen:

LaBella was awarded a Phase II Environmental Site Assessment for the property located at 4185 Military Road, Niagara, New York. We will be advancing test pits at the Site on Thursday and Friday (4/21 and 4/22) and will also be performing a soil vapor intrusion assessment on Thursday 4/21. Additionally, Labella will be installing monitoring wells on-Site and will most likely collect groundwater samples on Wednesday 4/27.

I will need sample containers for the following tasks/analysis:

Test Pits - Soil

1. **Three (3)** soil samples for the analysis of:
 - a. CP-51 VOCs plus TICs via USEPA Method 8260
 - b. CP-51 SVOCs plus TICs 70
2. **Seven (7)** surface soil samples and **seven (7)** subsurface soil samples for the analysis of:
 - a. TCL VOCs plus TICs via USEPA Method 8260
 - b. TCL SVOCs plus TICs via USEPA Method 8270
 - c. TCL Pesticides via USEPA Method 8081
 - d. RCRA Metals via USEPA Methods 6010 and 7471

Soil Vapor Intrusion – Air

1. **Seven (7)** summa canisters and regulators (4-Hour Test):
 - a. **Three (3)** Sub Slab Vapor Points, **Three (3)** Indoor Air Sampling points, and **One (1)** Outdoor Air Sampling Point (Ambient Air Sample)
 - i. For the analysis of VOCs by USEPA Method TO-15 with a Standard 10-day turnaround time.

Groundwater

1. **Four (4)** groundwater samples for the analysis of:
 - a. CP-51 and TCL VOCs plus TICs via USEPA Method 8260
 - b. TCL SVOCs plus TICs via USEPA Method 8270
 - c. TCL Pesticides via USEPA Method 8081
 - e. RCRA Metals via USEPA Methods 6010 and 7471

Additionally, the following QA/QC is also needed:

1. Soil QA/QC
 - a. **One (1)** Trip Blank for VOCs
 - b. **One (1)** Blind Field Duplicate and **one (1)** MS/MSD for VOCs, SVOCs, pesticides, and metals
2. Groundwater QA/QC
 - a. **One (1)** Trip Blank for VOCs
 - b. **One (1)** Blind Field Duplicate and **one (1)** MS/MSD for VOCs, SVOCs, pesticides, and metals

If you have any question or concerns, or just want to discuss anything further, please feel free to contact me. I would prefer if all of this could be sent to our office by Tuesday 4/19 but no later than Wednesday 4/20. Again, any questions, let me know.

Thank you!!

Jessica

Jessica L. Dombrowski

Environmental Analyst

Direct: 716-710-3038 | jdombrowski@labellapc.com

ABELLA ASSOCIATES, D.P.C.

300 Pearl St, Suite 130, Buffalo, NY 14202

Office: 716-551-6281

www.labellapc.com

Relationships. Resources. Results.

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	EP-W-14-030
Connecticut	PH-0649
DOD ELAP (L-A-B)	L2219
Florida	E87935
Louisiana	05035
Maine	2012025
Maryland	296
Massachusetts	M-NJ503
New Hampshire	255413
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-13-00380
Texas	T104704488-13-5

ANALYTICAL RESULTS SUMMARY

METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : 4185 MILITARY ROAD, NIAGARA, NY

LABELLA ASSOCIATES P.C.

300 State Street

Suite 201

Rochester, NY - 14614

Phone No: 585-295-6253

ORDER ID : H2730

ATTENTION : Adam Zebrowski



DoD ELAP

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sampl ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
STOCKPILE-1	H2730-01	8260C	8270D		8081B, 8082A	6010C, 7471A	Chemtech -SOP
STOCKPILE-2	H2730-02	8260C	8270D		8081B, 8082A	6010C, 7471A	Chemtech -SOP



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIa

SAMPLE PREPARATION AND ANALYSIS SUMMARY SEMIVOLATILE (BNA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
H2730-01	SOIL	04/22/16	04/25/16	04/27/16	05/03/16
H2730-02	SOIL	04/22/16	04/25/16	04/27/16	05/03/16

* Details For Test : SVOCMS Group2



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY VOLATILE (VOA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
H2730-01	SOIL	04/22/16	04/25/16		04/28/16
H2730-02	SOIL	04/22/16	04/25/16		04/28/16

* Details For Test : VOCMS Group2



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIc

SAMPLE PREPARATION AND ANALYSIS SUMMARY PESTICIDE/PCB ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
H2730-01	SOIL	04/22/16	04/25/16	04/27/16	04/27/16
H2730-02	SOIL	04/22/16	04/25/16	04/27/16	04/27/16

* Details For Test : PCB



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
H2730-01	Solid	8260C	5035		
H2730-02	Solid	8260C	5035		



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
H2730-01	Solid	8270D	NA		
H2730-02	Solid	8270D	NA		



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
H2730-01	Solid	8081B	3541		
H2730-01	Solid	8082A	3541		
H2730-02	Solid	8081B	3541		
H2730-02	Solid	8082A	3541		



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
H2730-01	SOIL	Metals ICP-RCRA	04/25/16	04/27/16	04/28/16
H2730-02	SOIL	Metals ICP-RCRA	04/25/16	04/27/16	04/28/16

* Details For Test : Metals ICP-RCRA



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
H2730-01	SOIL	Mercury	04/25/16	04/27/16	04/27/16
H2730-02	SOIL	Mercury	04/25/16	04/27/16	04/27/16

* Details For Test : Mercury

Cover Page

Order ID : H2730

Project ID : 4185 Military Road, Niagara, NY

Client : LaBella Associates P.C.

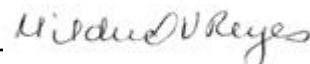
Lab Sample Number

H2730-01
H2730-02

Client Sample Number

STOCKPILE-1
STOCKPILE-2

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : 

APPROVED

Date: 5/9/2016
By Mildred V Reyes, QAQC Supervisor at 4:09 pm, May 09, 2016

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 4185 Military Road, Niagara, NY

Project # N/A

Chemtech Project # H2730

Test Name: VOCMS Group2

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 04/25/2016.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, PCB, Pesticide-TCL, SVOCMS Group2 and VOCMS Group2. This data package contains results for VOCMS Group2.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_F were done using GC column RTX-VMS, which is 20 meters, 0.18 mm id, 1.0 um df, Restek Cat. #49914. The Trap was supplied by Supelco, VOCARB 3000, Tekmar 2000 Concentrator. The analysis of VOCMS Group2 was based on method 8260C.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for STOCKPILE-2 [1,2-Dichloroethane-d4 - 41%].

The Internal Standards Areas met the acceptable requirements except for STOCKPILE-2.

The Retention Times were acceptable for all samples.

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

E. Additional Comments:

Sample # STOCKPILE-2 run two time in same sequence 1st time Internal standard or Surrogate Fail & 2nd time not purge well these sample received as Terra core the 1st vial was reported as final analysis because no more vial to run.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount

for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature__ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 4:09 pm, May 09, 2016

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 4185 Military Road, Niagara, NY

Project # N/A

Chemtech Project # H2730

Test Name: SVOCMS Group2

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 04/25/2016.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, PCB, Pesticide-TCL, SVOCMS Group2 and VOCMS Group2. This data package contains results for SVOCMS Group2.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column RTX-5 which is 20 meters, 0.18 mm ID, 0.36 um dfThe analysis of SVOCMS Group2 was based on method 8270D and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for RICHMOND-AMBOY-SB09(0.5-6.0)MS [2-Fluorobiphenyl - 142%], RICHMOND-AMBOY-SB09(0.5-6.0)MSD [2-Fluorobiphenyl - 137%].

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 15% in the Initial Calibration (Method 8270-BF042716.M) for 2-Fluorobiphenyl this compound is passing on Quadratic regression.

The Continuous Calibration File ID BF086451.D met the requirements except for Pyrene, Terphenyl-d14 and Benzo(b)fluoranthene .

The Continuous Calibration File ID BF086513.D met the requirements except for Indeno(1,2,3-cd)pyrene .

The Tuning criteria met requirements.

E. Additional Comments:

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial

Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 4:09 pm, May 09, 2016

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 4185 Military Road, Niagara, NY

Project # N/A

Chemtech Project # H2730

Test Name: PCB

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 04/25/2016.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, PCB, Pesticide-TCL, SVOCMS Group2 and VOCMS Group2. This data package contains results for PCB.

C. Analytical Techniques:

The analyses were performed on instrument GCECD_Q. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 μ m df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 μ m; Catalogue # 7HM-G017-11. The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS {H2707-06MS} with File ID: PQ008049.D recoveries met the requirements for all compounds except for AR1016[195%], AR1260[156%] .

The MSD {H2707-06MSD} with File ID: PQ008050.D recoveries met the acceptable requirements except for AR1016[195%], AR1260[156%] .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration File ID PQ008030.D met the requirements except for Aroclor-1016(Peak-01) is failing in 2nd column but passing in 1st column.

E. Additional Comments:

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature Mildred V Reyes

APPROVED

By Mildred V Reyes, QAQC Supervisor at 4:09 pm, May 09, 2016

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 4185 Military Road, Niagara, NY

Project # N/A

Chemtech Project # H2730

Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 04/25/2016.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, PCB, Pesticide-TCL, SVOCMS Group2 and VOCMS Group2. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:

The analyses were performed on instrument GCECD_D. The front column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HM-G017-11 . The rear column is ZBMR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalog # 7HM-G016-17. The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11. The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the criteria.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the acceptable requirements.

The RPD recoveries met criteria.

The Blank Spike met requirements for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration with file id PL017556.D met the requirements except for Methoxychlor on the first column. The second column met the requirements no further corrective action was taken.

E. Additional Comments:

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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Signature____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 4:09 pm, May 09, 2016

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 4185 Military Road, Niagara, NY

Project # N/A

Chemtech Project # H2730

Test Name: Mercury, Metals ICP-RCRA

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 04/25/2016.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, METALS RCRA, PCB, Pesticide-TCL, SVOCMS Group2 and VOCMS Group2. This data package contains results for Mercury, Metals ICP-RCRA.

C. Analytical Techniques:

The analysis of Metals ICP-RCRA was based on method 6010C, digestion based on method 3050 (soils). The analysis of Mercury was based on method 7471A and digestion was based on method 7471B (soils).

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike (EUT01-B6B9B11B15B10-CMS) analysis met criteria for all samples except for Lead, Silver.

The Matrix Spike Duplicate (EUT01-B6B9B11B15B10-CMSD) analysis met criteria for all samples except for Lead, Silver.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution(EUT01-B6B9B11B15B10-CL) met criteria for all samples except for Barium, Chromium and Lead.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 4:09 pm, May 09, 2016

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: H2730

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

Check chain-of-custody for proper relinquish/return of samples

Is the chain of custody signed and complete

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

Collect information for each project id from server. Were all requirements followed

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

Do lab numbers and client Ids on cover page agree with the Chain of Custody

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

Do requested analyses on Chain of Custody agree with the log-in page

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

Were the samples received within hold time

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

ANALYTICAL:

Was method requirement followed?

Was client requirement followed?

Does the case narrative summarize all QC failure?

All runlogs and manual integration are reviewed for requirements

All manual calculations and /or hand notations verified

1st Level QA Review Signature: POONAM PATEL

Date: 05/09/2016

2nd Level QA Review Signature: Mildred V Reyes

APPROVED

By Mildred V Reyes, QAQC Supervisor at 4:08 pm, May 09, 2016

LAB CHRONICLE

OrderID:	H2730	OrderDate:	4/26/2016 11:37:00 AM
Client:	LaBella Associates P.C.	Project:	4185 Military Road, Niagara, NY
Contact:	Adam Zebrowski	Location:	O23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2730-01	STOCKPILE-1	SOIL	VOCMS Group2	8260C	04/22/16		04/28/16	04/25/16
H2730-02	STOCKPILE-2	SOIL	VOCMS Group2	8260C	04/22/16		04/28/16	04/25/16

Hit Summary Sheet SW-846

SDG No.: H2730

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	STOCKPILE-1								
H2730-01	STOCKPILE-1	SOIL	Benzene	2.10	J	0.44	0.58	5.8	ug/Kg
H2730-01	STOCKPILE-1	SOIL	Toluene	4.50	J	0.58	0.58	5.8	ug/Kg
H2730-01	STOCKPILE-1	SOIL	m/p-Xylenes	3.10	J	0.84	1.2	11.7	ug/Kg
H2730-01	STOCKPILE-1	SOIL	1,2,4-Trimethylbenzene	2.40	J	0.58	0.58	5.8	ug/Kg
		Total Voc :			12.1				
H2730-01	STOCKPILE-1	SOIL	unknown14.80	* 6.90	J	0		0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	unknown15.11	* 6.70	J	0		0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	unknown16.03	* 6.50	J	0		0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	1-Dodecene	* 5.90	J	0		0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	3,4-Octadiene, 7-methyl-	* 6.40	J	0		0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	cis,cis-1,6-Dimethylspiro[4.5]d	* 10.90	J	0		0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	Acetone	* 31.00	J	2.9		29.1	ug/Kg
H2730-01	STOCKPILE-1	SOIL	Methylcyclohexane	* 5.10	J	0.58		5.8	ug/Kg
		Total Tics :			79.4				
		Total Concentration:			91.5				
Client ID:	STOCKPILE-2								
H2730-02	STOCKPILE-2	SOIL	Toluene	2.60	J	0.51	0.51	5.1	ug/Kg
H2730-02	STOCKPILE-2	SOIL	m/p-Xylenes	5.00	J	0.74	1	10.2	ug/Kg
H2730-02	STOCKPILE-2	SOIL	1,3,5-Trimethylbenzene	5.00	J	0.46	0.51	5.1	ug/Kg
		Total Voc :			12.6				
H2730-02	STOCKPILE-2	SOIL	Octane, 2,6-dimethyl-	* 240.00	J	0		0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Cyclohexane, 1,1,4,4-tetrameth	* 200.00	J	0		0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Decane, 4-methyl-	* 300.00	J	0		0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Cyclohexane, 1,1,2,3-tetrameth	* 240.00	J	0		0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Undecane, 2,6-dimethyl-	* 520.00	J	0		0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Undecane, 3,8-dimethyl-	* 200.00	J	0		0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	n-Amylcyclohexane	* 190.00	J	0		0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Cyclopentane, 1-hexyl-3-methy	* 340.00	J	0		0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	1-Methyl-2-(4-methylpentyl)cy	* 220.00	J	0		0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	trans-Decalin, 2-methyl-	* 190.00	J	0		0	ug/Kg
		Total Tics :			2640				
		Total Concentration:			2652.6				

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-1	SDG No.:	H2730
Lab Sample ID:	H2730-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	24.6
Sample Wt/Vol:	5.69 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047888.D	1		04/28/16 21:35	VF042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1634-04-4	Methyl tert-butyl Ether	5.8	U	0.58	0.58	5.8	ug/Kg
71-43-2	Benzene	2.1	J	0.44	0.58	5.8	ug/Kg
108-88-3	Toluene	4.5	J	0.58	0.58	5.8	ug/Kg
100-41-4	Ethyl Benzene	5.8	U	0.58	0.58	5.8	ug/Kg
179601-23-1	m/p-Xylenes	3.1	J	0.84	1.2	11.7	ug/Kg
95-47-6	o-Xylene	5.8	U	0.58	0.58	5.8	ug/Kg
98-82-8	Isopropylbenzene	5.8	U	0.56	0.58	5.8	ug/Kg
103-65-1	n-propylbenzene	5.8	U	0.42	0.58	5.8	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5.8	U	0.52	0.58	5.8	ug/Kg
98-06-6	tert-Butylbenzene	5.8	U	0.58	0.58	5.8	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	2.4	J	0.58	0.58	5.8	ug/Kg
135-98-8	sec-Butylbenzene	5.8	U	0.58	0.58	5.8	ug/Kg
99-87-6	p-Isopropyltoluene	5.8	U	0.34	0.58	5.8	ug/Kg
104-51-8	n-Butylbenzene	5.8	U	0.54	0.58	5.8	ug/Kg
91-20-3	Naphthalene	5.8	U	0.52	0.58	5.8	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50.9		56 - 120		102%	SPK: 50
1868-53-7	Dibromofluoromethane	48.4		57 - 135		97%	SPK: 50
2037-26-5	Toluene-d8	48.3		67 - 123		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.5		33 - 141		77%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	498422	4.86				
540-36-3	1,4-Difluorobenzene	739960	5.58				
3114-55-4	Chlorobenzene-d5	604240	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	256469	12.51				
TENTATIVE IDENTIFIED COMPOUNDS							
67-64-1	Acetone	31	J			2.23	ug/Kg
108-87-2	Methylcyclohexane	5.1	J			5.44	ug/Kg
1000111-72-~	cis,cis-1,6-Dimethylspiro[4.5]deca	10.9	J			13.81	ug/Kg
037050-05-8	3,4-Octadiene, 7-methyl-	6.4	J			13.98	ug/Kg
000112-41-4	1-Dodecene	5.9	J			14.19	ug/Kg
	unknown14.80	6.9	J			14.8	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-1	SDG No.:	H2730
Lab Sample ID:	H2730-01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	24.6
Sample Wt/Vol:	5.69 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047888.D	1		04/28/16 21:35	VF042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
	unknown15.11	6.7	J			15.11	ug/Kg
	unknown16.03	6.5	J			16.03	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-2	SDG No.:	H2730
Lab Sample ID:	H2730-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	21.2
Sample Wt/Vol:	6.2 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047877.D	1		04/28/16 16:24	VF042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1634-04-4	Methyl tert-butyl Ether	5.1	U	0.51	0.51	5.1	ug/Kg
71-43-2	Benzene	5.1	U	0.39	0.51	5.1	ug/Kg
108-88-3	Toluene	2.6	J	0.51	0.51	5.1	ug/Kg
100-41-4	Ethyl Benzene	5.1	U	0.51	0.51	5.1	ug/Kg
179601-23-1	m/p-Xylenes	5	J	0.74	1	10.2	ug/Kg
95-47-6	o-Xylene	5.1	U	0.51	0.51	5.1	ug/Kg
98-82-8	Isopropylbenzene	5.1	U	0.49	0.51	5.1	ug/Kg
103-65-1	n-propylbenzene	5.1	U	0.37	0.51	5.1	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5	J	0.46	0.51	5.1	ug/Kg
98-06-6	tert-Butylbenzene	5.1	U	0.51	0.51	5.1	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	5.1	U	0.51	0.51	5.1	ug/Kg
135-98-8	sec-Butylbenzene	5.1	U	0.51	0.51	5.1	ug/Kg
99-87-6	p-Isopropyltoluene	5.1	U	0.3	0.51	5.1	ug/Kg
104-51-8	n-Butylbenzene	5.1	U	0.47	0.51	5.1	ug/Kg
91-20-3	Naphthalene	5.1	U	0.46	0.51	5.1	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	20.3	*	56 - 120		41%	SPK: 50
1868-53-7	Dibromofluoromethane	39.1		57 - 135		78%	SPK: 50
2037-26-5	Toluene-d8	55.1		67 - 123		110%	SPK: 50
460-00-4	4-Bromofluorobenzene	33.9		33 - 141		68%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	171621	4.86				
540-36-3	1,4-Difluorobenzene	212174	5.59				
3114-55-4	Chlorobenzene-d5	112085	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	32503	12.51				
TENTATIVE IDENTIFIED COMPOUNDS							
006783-92-2	Cyclohexane, 1,1,2,3-tetramethyl-	240	J			11.23	ug/Kg
002847-72-5	Decane, 4-methyl-	300	J			11.96	ug/Kg
002223-52-1	Cyclohexane, 1,1,4,4-tetramethyl-	200	J			12.8	ug/Kg
017301-30-3	Undecane, 3,8-dimethyl-	200	J			13.08	ug/Kg
029949-27-7	n-Amylcyclohexane	190	J			13.25	ug/Kg
1000152-47-	trans-Decalin, 2-methyl-	190	J			13.33	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-2	SDG No.:	H2730
Lab Sample ID:	H2730-02	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	21.2
Sample Wt/Vol:	6.2 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047877.D	1		04/28/16 16:24	VF042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
1000113-60-	1-Methyl-2-(4-methylpentyl)cyclope	220	J			13.67	ug/Kg
017301-23-4	Undecane, 2,6-dimethyl-	520	J			13.81	ug/Kg
061142-68-5	Cyclopentane, 1-hexyl-3-methyl-	340	J			14.1	ug/Kg
002051-30-1	Octane, 2,6-dimethyl-	240	J			14.25	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SDG No.: H2730

Client: LaBella Associates P.C.

Analytical Method: SW8260C

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
H2730-01	STOCKPILE-1	1,2-Dichloroethane-d4	50	50.87	102	56	120
		Dibromofluoromethane	50	48.44	97	57	135
		Toluene-d8	50	48.29	97	67	123
		4-Bromofluorobenzene	50	38.51	77	33	141
H2730-02	STOCKPILE-2	1,2-Dichloroethane-d4	50	20.28	41 *	56	120
		Dibromofluoromethane	50	39.09	78	57	135
		Toluene-d8	50	55.1	110	67	123
		4-Bromofluorobenzene	50	33.92	68	33	141
VF0428SBL01	VF0428SBL01	1,2-Dichloroethane-d4	50	45.18	90	56	120
		Dibromofluoromethane	50	42.78	86	57	135
		Toluene-d8	50	46.83	94	67	123
		4-Bromofluorobenzene	50	40.91	82	33	141
VF0428SBS01	VF0428SBS01	1,2-Dichloroethane-d4	50	52.03	104	56	120
		Dibromofluoromethane	50	46.46	93	57	135
		Toluene-d8	50	49.94	100	67	123
		4-Bromofluorobenzene	50	50.05	100	33	141
VF0428SBSD01	VF0428SBSD01	1,2-Dichloroethane-d4	50	47.04	94	56	120
		Dibromofluoromethane	50	45.4	91	57	135
		Toluene-d8	50	49.07	98	67	123
		4-Bromofluorobenzene	50	48.86	98	33	141

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2730
Client: LaBella Associates P.C.
Analytical Method: SW8260C

Datafile : VF047869.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VF0428SBS01	Methyl tert-butyl Ether	20	21.1	ug/Kg	106			76	123	
	Benzene	20	20.5	ug/Kg	103			79	124	
	Toluene	20	21.8	ug/Kg	109			78	124	
	Ethyl Benzene	20	22.9	ug/Kg	115			80	123	
	m/p-Xylenes	40	46.3	ug/Kg	116			79	126	
	o-Xylene	20	22.3	ug/Kg	112			80	122	
	Isopropylbenzene	20	22.5	ug/Kg	113			79	123	
	N-propylbenzene	20	23.4	ug/Kg	117			80	125	
	1,3,5-Trimethylbenzene	20	22.9	ug/Kg	115			81	123	
	tert-Butylbenzene	20	23	ug/Kg	115			81	123	
	1,2,4-Trimethylbenzene	20	23.3	ug/Kg	117			81	122	
	Sec-butylbenzene	20	22.9	ug/Kg	115			81	126	
	p-Isopropyltoluene	20	23.2	ug/Kg	116			81	124	
	n-Butylbenzene	20	23	ug/Kg	115			75	129	
	Naphthalene	20	18.5	ug/Kg	93			71	126	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2730
Client: LaBella Associates P.C.
Analytical Method: SW8260C

Datafile : VF047870.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VF0428SBSD01	Methyl tert-butyl Ether	20	19.1	ug/Kg	96	10		76	123	20
	Benzene	20	19.9	ug/Kg	100	3		79	124	20
	Toluene	20	20.9	ug/Kg	104	5		78	124	20
	Ethyl Benzene	20	21.7	ug/Kg	109	5		80	123	20
	m/p-Xylenes	40	42.7	ug/Kg	107	8		79	126	20
	o-Xylene	20	20.6	ug/Kg	103	8		80	122	20
	Isopropylbenzene	20	20.8	ug/Kg	104	8		79	123	20
	N-propylbenzene	20	21.5	ug/Kg	108	8		80	125	20
	1,3,5-Trimethylbenzene	20	20.3	ug/Kg	102	12		81	123	20
	tert-Butylbenzene	20	21.3	ug/Kg	106	8		81	123	20
	1,2,4-Trimethylbenzene	20	20.9	ug/Kg	104	12		81	122	20
	Sec-butylbenzene	20	21	ug/Kg	105	9		81	126	20
	p-Isopropyltoluene	20	21	ug/Kg	105	10		81	124	20
	n-Butylbenzene	20	20.2	ug/Kg	101	13		75	129	20
	Naphthalene	20	18.4	ug/Kg	92	1		71	126	20

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VF0428SBL01

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2730

SAS No.: H2730 SDG NO.: H2730

Lab File ID: VF047868.D

Lab Sample ID: VF0428SBL01

Date Analyzed: 04/28/2016

Time Analyzed: 12:06

GC Column: RTX-VMS ID: 0.18 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_F

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VF0428SBS01	VF0428SBS01	VF047869.D	04/28/2016
VF0428SBSD01	VF0428SBSD01	VF047870.D	04/28/2016
STOCKPILE-2	H2730-02	VF047877.D	04/28/2016
STOCKPILE-1	H2730-01	VF047888.D	04/28/2016

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name:	<u>CHEMTECH</u>	Contract:	<u>LABE01</u>
Lab Code:	<u>CHEM</u>	Case No.:	<u>H2730</u>
Lab File ID:	<u>VF047770.D</u>	SAS No.:	<u>H2730</u>
Instrument ID:	<u>MSVOA_F</u>	SDG NO.:	<u>H2730</u>
GC Column:	<u>RTX-VMS</u>	BFB Injection Date:	<u>04/22/2016</u>
ID:	<u>0.18</u>	BFB Injection Time:	<u>10:07</u>
(mm)		Heated Purge:	<u>Y</u>

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.5
75	30.0 - 60.0% of mass 95	40.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.4 (0.4) 1
174	50.0 - 100.0% of mass 95	97.9
175	5.0 - 9.0% of mass 174	7.2 (7.3) 1
176	95.0 - 101.0% of mass 174	94.6 (96.6) 1
177	5.0 - 9.0% of mass 176	6 (6.3) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VF047771.D	04/22/2016	10:46
VSTDIC010	VSTDIC010	VF047772.D	04/22/2016	11:14
VSTDIC020	VSTDIC020	VF047773.D	04/22/2016	11:43
VSTDIC050	VSTDIC050	VF047774.D	04/22/2016	12:12
VSTDIC075	VSTDIC075	VF047775.D	04/22/2016	12:40
VSTDIC100	VSTDIC100	VF047776.D	04/22/2016	13:09

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name:	<u>CHEMTECH</u>	Contract:	<u>LABE01</u>
Lab Code:	<u>CHEM</u>	Case No.:	<u>H2730</u>
Lab File ID:	<u>VF047866.D</u>	SAS No.:	<u>H2730</u>
Instrument ID:	<u>MSVOA_F</u>	SDG NO.:	<u>H2730</u>
GC Column:	<u>RTX-VMS</u>	BFB Injection Date:	<u>04/28/2016</u>
ID:	<u>0.18</u> (mm)	BFB Injection Time:	<u>10:10</u>
		Heated Purge:	<u>Y/N</u>

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.7
75	30.0 - 60.0% of mass 95	39.3
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.3
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	89
175	5.0 - 9.0% of mass 174	6 (6.7) 1
176	95.0 - 101.0% of mass 174	86.2 (96.9) 1
177	5.0 - 9.0% of mass 176	5.5 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VF047867.D	04/28/2016	10:49
VF0428SBL01	VF0428SBL01	VF047868.D	04/28/2016	12:06
VF0428SBS01	VF0428SBS01	VF047869.D	04/28/2016	12:35
VF0428SBSD01	VF0428SBSD01	VF047870.D	04/28/2016	13:04
STOCKPILE-2	H2730-02	VF047877.D	04/28/2016	16:24
STOCKPILE-1	H2730-01	VF047888.D	04/28/2016	21:35

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730
 Lab File ID: VF047867.D Date Analyzed: 04/28/2016
 Instrument ID: MSVOA_F Time Analyzed: 10:49
 GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	534757	4.86	813426	5.58	742762	9.74
UPPER LIMIT	1069510	5.36	1626850	6.08	1485520	10.24
LOWER LIMIT	267379	4.36	406713	5.08	371381	9.24
EPA SAMPLE NO.						
STOCKPILE-1	498422	4.86	739960	5.58	604240	9.74
STOCKPILE-2	171621 *	4.86	212174 *	5.59	112085 *	9.74
VF0428SBL01	549212	4.86	845430	5.58	698181	9.74
VF0428SBS01	503886	4.86	804079	5.58	687242	9.74
VF0428SBS01	534839	4.86	811221	5.58	719522	9.74

IS1 = Pentafluorobenzene

IS2 = 1,4-Difluorobenzene

IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730
 Lab File ID: VF047867.D Date Analyzed: 04/28/2016
 Instrument ID: MSVOA_F Time Analyzed: 10:49
 GC Column: RTX-VMS ID: 0.18 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #	RT #				
12 HOUR STD	394177	12.51				
UPPER LIMIT	788354	13.01				
LOWER LIMIT	197089	12.01				
EPA SAMPLE NO.						
STOCKPILE-1	256469	12.51				
STOCKPILE-2	32503 *	12.51				
VF0428SBL01	333920	12.51				
VF0428SBS01	359290	12.51				
VF0428SBS01	380936	12.51				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0428SBL01	SDG No.:	H2730
Lab Sample ID:	VF0428SBL01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047868.D	1		04/28/16 12:06	VF042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1634-04-4	Methyl tert-butyl Ether	5	U	0.5	0.5	5	ug/Kg
71-43-2	Benzene	5	U	0.38	0.5	5	ug/Kg
108-88-3	Toluene	5	U	0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	5	U	0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	10	U	0.72	1	10	ug/Kg
95-47-6	o-Xylene	5	U	0.5	0.5	5	ug/Kg
98-82-8	Isopropylbenzene	5	U	0.48	0.5	5	ug/Kg
103-65-1	n-propylbenzene	5	U	0.36	0.5	5	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	5	U	0.45	0.5	5	ug/Kg
98-06-6	tert-Butylbenzene	5	U	0.5	0.5	5	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	5	U	0.5	0.5	5	ug/Kg
135-98-8	sec-Butylbenzene	5	U	0.5	0.5	5	ug/Kg
99-87-6	p-Isopropyltoluene	5	U	0.29	0.5	5	ug/Kg
104-51-8	n-Butylbenzene	5	U	0.46	0.5	5	ug/Kg
91-20-3	Naphthalene	5	U	0.45	0.5	5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	45.2		56 - 120		90%	SPK: 50
1868-53-7	Dibromofluoromethane	42.8		57 - 135		86%	SPK: 50
2037-26-5	Toluene-d8	46.8		67 - 123		94%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.9		33 - 141		82%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	549212	4.86				
540-36-3	1,4-Difluorobenzene	845430	5.58				
3114-55-4	Chlorobenzene-d5	698181	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	333920	12.51				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0428SBS01	SDG No.:	H2730
Lab Sample ID:	VF0428SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047869.D	1		04/28/16 12:35	VF042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1634-04-4	Methyl tert-butyl Ether	21.1		0.5	0.5	5	ug/Kg
71-43-2	Benzene	20.5		0.38	0.5	5	ug/Kg
108-88-3	Toluene	21.8		0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	22.9		0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	46.3		0.72	1	10	ug/Kg
95-47-6	o-Xylene	22.3		0.5	0.5	5	ug/Kg
98-82-8	Isopropylbenzene	22.5		0.48	0.5	5	ug/Kg
103-65-1	n-propylbenzene	23.4		0.36	0.5	5	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	22.9		0.45	0.5	5	ug/Kg
98-06-6	tert-Butylbenzene	23		0.5	0.5	5	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	23.3		0.5	0.5	5	ug/Kg
135-98-8	sec-Butylbenzene	22.9		0.5	0.5	5	ug/Kg
99-87-6	p-Isopropyltoluene	23.2		0.29	0.5	5	ug/Kg
104-51-8	n-Butylbenzene	23		0.46	0.5	5	ug/Kg
91-20-3	Naphthalene	18.5		0.45	0.5	5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52		56 - 120		104%	SPK: 50
1868-53-7	Dibromofluoromethane	46.5		57 - 135		93%	SPK: 50
2037-26-5	Toluene-d8	49.9		67 - 123		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		33 - 141		100%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	503886	4.86				
540-36-3	1,4-Difluorobenzene	804079	5.58				
3114-55-4	Chlorobenzene-d5	687242	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	359290	12.51				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VF0428SBS01	SDG No.:	H2730
Lab Sample ID:	VF0428SBS01	Matrix:	SOIL
Analytical Method:	SW8260	% Moisture:	0
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group2
GC Column:	RTX-VMS ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VF047870.D	1		04/28/16 13:04	VF042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
1634-04-4	Methyl tert-butyl Ether	19.1		0.5	0.5	5	ug/Kg
71-43-2	Benzene	19.9		0.38	0.5	5	ug/Kg
108-88-3	Toluene	20.9		0.5	0.5	5	ug/Kg
100-41-4	Ethyl Benzene	21.7		0.5	0.5	5	ug/Kg
179601-23-1	m/p-Xylenes	42.7		0.72	1	10	ug/Kg
95-47-6	o-Xylene	20.6		0.5	0.5	5	ug/Kg
98-82-8	Isopropylbenzene	20.8		0.48	0.5	5	ug/Kg
103-65-1	n-propylbenzene	21.5		0.36	0.5	5	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	20.3		0.45	0.5	5	ug/Kg
98-06-6	tert-Butylbenzene	21.3		0.5	0.5	5	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	20.9		0.5	0.5	5	ug/Kg
135-98-8	sec-Butylbenzene	21		0.5	0.5	5	ug/Kg
99-87-6	p-Isopropyltoluene	21		0.29	0.5	5	ug/Kg
104-51-8	n-Butylbenzene	20.2		0.46	0.5	5	ug/Kg
91-20-3	Naphthalene	18.4		0.45	0.5	5	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47		56 - 120		94%	SPK: 50
1868-53-7	Dibromofluoromethane	45.4		57 - 135		91%	SPK: 50
2037-26-5	Toluene-d8	49.1		67 - 123		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.9		33 - 141		98%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	534839	4.86				
540-36-3	1,4-Difluorobenzene	811221	5.58				
3114-55-4	Chlorobenzene-d5	719522	9.74				
3855-82-1	1,4-Dichlorobenzene-d4	380936	12.51				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG No.: H2730
 Instrument ID: MSVOA_F Calibration Date(s): 04/22/2016 04/22/2016
 Heated Purge: (Y/N) Y Calibration Time(s): 10:46 13:09
 GC Column: RTX-VMS ID: 0.18 (mm)

LAB FILE ID:	RRF005 = VF047771.D	RRF010 = VF047772.D	RRF020 = VF047773.D					
	RRF050 = VF047774.D	RRF075 = VF047775.D	RRF100 = VF047776.D					
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF075	RRF100	RRF	% RSD
Methyl tert-butyl Ether	1.008	1.005	1.073	0.915	0.972	0.959	0.989	5.4
Benzene	1.125	1.121	1.253	0.978	1.047	1.033	1.093	8.8
Toluene	0.676	0.703	0.817	0.658	0.710	0.698	0.710	7.8
Ethyl Benzene	1.604	1.583	1.749	1.416	1.363	1.383	1.517	10.1
m/p-Xylenes	0.586	0.592	0.693	0.554	0.538	0.559	0.587	9.5
o-Xylene	0.538	0.578	0.702	0.581	0.568	0.599	0.594	9.5
Isopropylbenzene	2.990	2.941	3.400	2.815	2.762	2.821	2.955	7.9
n-propylbenzene	3.886	3.667	4.040	3.210	3.053	3.177	3.506	11.8
1,3,5-Trimethylbenzene	2.447	2.547	2.806	2.244	2.183	2.249	2.412	9.8
tert-Butylbenzene	2.422	2.524	2.820	2.214	2.226	2.272	2.413	9.7
1,2,4-Trimethylbenzene	2.461	2.569	2.828	2.191	2.236	2.304	2.432	9.9
sec-Butylbenzene	3.291	3.331	3.681	2.862	2.823	2.927	3.153	10.7
p-Isopropyltoluene	2.694	2.703	2.915	2.377	2.242	2.338	2.545	10.4
n-Butylbenzene	2.308	2.478	2.724	2.180	2.058	2.096	2.307	11.1
Naphthalene	1.522	1.674	2.289	1.970	2.310	2.132	1.983	16.4
1,2-Dichloroethane-d4	0.489	0.448	0.461	0.454	0.488	0.484	0.471	3.9
Dibromofluoromethane	0.396	0.347	0.409	0.351	0.375	0.386	0.377	6.5
Toluene-d8	0.887	0.820	0.988	0.899	0.996	0.977	0.928	7.6
4-Bromofluorobenzene	0.418	0.389	0.434	0.378	0.428	0.412	0.410	5.4

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG No.: H2730
 Instrument ID: MSVOA_F Calibration Date/Time: 04/28/2016 10:49
 Lab File ID: VF047867.D Init. Calib. Date(s): 04/22/2016 04/22/2016
 Heated Purge: (Y/N) Y Init. Calib. Time(s): 10:46 13:09
 GC Column: RTX-VMS ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Methyl tert-butyl Ether	0.989	1.055		6.72	20
Benzene	1.093	1.133		3.61	20
Toluene	0.710	0.790		11.32	20
Ethyl Benzene	1.517	1.617		6.64	20
m/p-Xylenes	0.587	0.629		7.16	20
o-Xylene	0.594	0.658		10.65	20
Isopropylbenzene	2.955	3.147		6.52	20
n-propylbenzene	3.506	3.697		5.47	20
1,3,5-Trimethylbenzene	2.412	2.555		5.91	20
tert-Butylbenzene	2.413	2.649		9.78	20
1,2,4-Trimethylbenzene	2.432	2.604		7.09	20
sec-Butylbenzene	3.153	3.325		5.47	20
p-Isopropyltoluene	2.545	2.739		7.63	20
n-Butylbenzene	2.307	2.482		7.58	20
Naphthalene	1.983	2.087		5.27	20
1,2-Dichloroethane-d4	0.471	0.494		4.93	20
Dibromofluoromethane	0.377	0.362		-3.92	20
Toluene-d8	0.928	0.990		6.66	20
4-Bromofluorobenzene	0.410	0.430		5	20

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

LAB CHRONICLE

OrderID:	H2730	OrderDate:	4/26/2016 11:37:00 AM
Client:	LaBella Associates P.C.	Project:	4185 Military Road, Niagara, NY
Contact:	Adam Zebrowski	Location:	O23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2730-01	STOCKPILE-1	SOIL			04/22/16			04/25/16
			SVOCMS Group2	8270D		04/27/16	05/03/16	
H2730-02	STOCKPILE-2	SOIL			04/22/16			04/25/16
			SVOCMS Group2	8270D		04/27/16	05/03/16	

Hit Summary Sheet SW-846

SDG No.: H2730

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : STOCKPILE-1									
H2730-01	STOCKPILE-1	SOIL	Eicosane	*	210.000	J	0	0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	Heptacosane	*	260.000	J	0	0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	Octacosane	*	260.000	J	0	0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	Octadecane	*	210.000	J	0	0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	Stigmast-4-en-3-one	*	960.000	J	0	0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	Tridecane	*	310.000	J	0	0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	Tridecanoic acid	*	260.000	J	0	0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	unknown17.22	*	380.000	J	0	0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	unknown17.49	*	250.000	J	0	0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	unknown6.52	*	4,400.000	J	0	0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	1H-Cycloprop[e]azulene, decahyd	*	430.000	J	0	0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	4,4,6a,6b,8a,11,12,14b-Octamethy	*	1,100.000	J	0	0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	Benzo[b]naphtho[2,3-d]furan	*	380.000	J	0	0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	Bromoacetic acid, octadecyl ester	*	230.000	J	0	0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	Cyclotetradecane	*	1,100.000	J	0	0	ug/Kg
H2730-01	STOCKPILE-1	SOIL	Dimethylphthalate	*	420.000	J	11.9	440	ug/Kg
Total Tics :				11,160.00					
Total Concentration:				11,160.00					

Client ID : STOCKPILE-2									
H2730-02	STOCKPILE-2	SOIL	Eicosane	*	160.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Heptacosane	*	200.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Heptadecane, 2,6-dimethyl-	*	110.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Pentadecane, 2,6,10,14-tetramethy	*	350.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Tritetracontane	*	310.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Undecane, 2,6-dimethyl-	*	230.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Undecane, 5-ethyl-	*	120.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	unknown10.91	*	130.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	unknown12.44	*	150.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	unknown6.52	*	3,700.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	unknown9.25	*	130.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Z-2-Tridecen-1-ol	*	280.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	1-Methyldecahydronaphthalene	*	150.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	2-Pentanone, 4-hydroxy-4-methyl-	*	130.000	AB	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	7-Oxabicyclo[4.1.0]heptane, 2,2,6	*	160.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Cyclohexane, 2-butyl-1,1,3-trimet	*	110.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Cyclopentane, 1-hexyl-3-methyl-	*	170.000	J	0	0	ug/Kg
H2730-02	STOCKPILE-2	SOIL	Dimethylphthalate	*	510.000	J	11.4	420	ug/Kg
Total Tics :				7,100.00					

Hit Summary Sheet

SW-846

SDG No.: H2730

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
			Total Concentration:		7,100.00				

- A
- B
- C
- D
- E
- F
- G

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-1	SDG No.:	H2730
Lab Sample ID:	H2730-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	24.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086639.D	1	04/27/16 10:51	05/03/16 12:30	pb90140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
208-96-8	Acenaphthylene	440	U	11.1	44.1	440	ug/Kg
83-32-9	Acenaphthene	440	U	12.4	44.1	440	ug/Kg
86-73-7	Fluorene	440	U	16.7	44.1	440	ug/Kg
85-01-8	Phenanthrene	440	U	11.9	44.1	440	ug/Kg
120-12-7	Anthracene	440	U	9	44.1	440	ug/Kg
206-44-0	Fluoranthene	440	U	8.9	44.1	440	ug/Kg
129-00-0	Pyrene	440	U	10.6	44.1	440	ug/Kg
56-55-3	Benzo(a)anthracene	440	U	21	44.1	440	ug/Kg
218-01-9	Chrysene	440	U	20	44.1	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	440	U	14.4	44.1	440	ug/Kg
207-08-9	Benzo(k)fluoranthene	440	U	20.8	44.1	440	ug/Kg
50-32-8	Benzo(a)pyrene	440	U	9.5	44.1	440	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	440	U	14.7	44.1	440	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	440	U	12.7	44.1	440	ug/Kg
191-24-2	Benzo(g,h,i)perylene	440	U	17.8	44.1	440	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	96.7		31 - 132		97%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.3		39 - 123		74%	SPK: 100
1718-51-0	Terphenyl-d14	73.9		37 - 115		74%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	189763	6.75				
1146-65-2	Naphthalene-d8	771592	8.04				
15067-26-2	Acenaphthene-d10	386036	9.79				
1517-22-2	Phenanthrene-d10	676856	11.26				
1719-03-5	Chrysene-d12	483498	13.91				
1520-96-3	Perylene-d12	382927	15.3				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown6.52	4400	J			6.52	ug/Kg
131-11-3	Dimethylphthalate	420	J			9.52	ug/Kg
000629-50-5	Tridecane	310	J			10.7	ug/Kg
000638-53-9	Tridecanoic acid	260	J			11.81	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-1	SDG No.:	H2730
Lab Sample ID:	H2730-01	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	24.6
Sample Wt/Vol:	30.1 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086639.D	1	04/27/16 10:51	05/03/16 12:30	pb90140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
000112-95-8	Eicosane	210	J			12.74	ug/Kg
000630-02-4	Octacosane	260	J			13.09	ug/Kg
000593-49-7	Heptacosane	260	J			13.44	ug/Kg
000295-17-0	Cyclotetradecane	1100	J			13.77	ug/Kg
000593-45-3	Octadecane	210	J			14.68	ug/Kg
018992-03-5	Bromoacetic acid, octadecyl ester	230	J			15.79	ug/Kg
	unknown17.22	380	J			17.22	ug/Kg
000243-42-5	Benzo[b]naphtho[2,3-d]furan	380	J			17.33	ug/Kg
	unknown17.49	250	J			17.49	ug/Kg
1000194-64-2	4,4,6a,6b,8a,11,12,14b-Octamethyl-	1100	J			17.67	ug/Kg
000489-39-4	1H-Cycloprop[e]azulene, decahydro-	430	J			18	ug/Kg
001058-61-3	Stigmast-4-en-3-one	960	J			18.07	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-2	SDG No.:	H2730
Lab Sample ID:	H2730-02	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086640.D	1	04/27/16 10:51	05/03/16 12:58	pb90140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
208-96-8	Acenaphthylene	420	U	10.6	42.3	420	ug/Kg
83-32-9	Acenaphthene	420	U	11.9	42.3	420	ug/Kg
86-73-7	Fluorene	420	U	16	42.3	420	ug/Kg
85-01-8	Phenanthrene	420	U	11.4	42.3	420	ug/Kg
120-12-7	Anthracene	420	U	8.6	42.3	420	ug/Kg
206-44-0	Fluoranthene	420	U	8.5	42.3	420	ug/Kg
129-00-0	Pyrene	420	U	10.1	42.3	420	ug/Kg
56-55-3	Benzo(a)anthracene	420	U	20.2	42.3	420	ug/Kg
218-01-9	Chrysene	420	U	19.1	42.3	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	420	U	13.8	42.3	420	ug/Kg
207-08-9	Benzo(k)fluoranthene	420	U	19.9	42.3	420	ug/Kg
50-32-8	Benzo(a)pyrene	420	U	9.1	42.3	420	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	420	U	14.1	42.3	420	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	420	U	12.2	42.3	420	ug/Kg
191-24-2	Benzo(g,h,i)perylene	420	U	17.1	42.3	420	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	96.2		31 - 132		96%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.1		39 - 123		77%	SPK: 100
1718-51-0	Terphenyl-d14	72.8		37 - 115		73%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182455	6.75				
1146-65-2	Naphthalene-d8	735203	8.04				
15067-26-2	Acenaphthene-d10	372413	9.79				
1517-22-2	Phenanthrene-d10	665076	11.26				
1719-03-5	Chrysene-d12	515976	13.9				
1520-96-3	Perylene-d12	378020	15.29				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	130	AB			4.94	ug/Kg
	unknown6.52	3700	J			6.52	ug/Kg
054105-67-8	Heptadecane, 2,6-dimethyl-	110	J			7.04	ug/Kg
002958-75-0	1-Methyldecahydronaphthalene	150	J			7.68	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-2	SDG No.:	H2730
Lab Sample ID:	H2730-02	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	21.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086640.D	1	04/27/16 10:51	05/03/16 12:58	pb90140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
017301-23-4	Undecane, 2,6-dimethyl-	230	J			8.11	ug/Kg
054676-39-0	Cyclohexane, 2-butyl-1,1,3-trimeth	110	J			8.25	ug/Kg
061142-68-5	Cyclopentane, 1-hexyl-3-methyl-	170	J			8.33	ug/Kg
001921-70-6	Pentadecane, 2,6,10,14-tetramethyl	350	J			8.48	ug/Kg
017453-94-0	Undecane, 5-ethyl-	120	J			8.74	ug/Kg
000112-95-8	Eicosane	160	J			9.21	ug/Kg
	unknown9.25	130	J			9.25	ug/Kg
131-11-3	Dimethylphthalate	510	J			9.52	ug/Kg
1000130-75-8	Z-2-Tridecen-1-ol	280	J			10.45	ug/Kg
	unknown10.91	130	J			10.91	ug/Kg
000593-49-7	Heptacosane	200	J			11.18	ug/Kg
	unknown12.44	150	J			12.44	ug/Kg
007098-21-7	Tritetracontane	310	J			13.77	ug/Kg
070038-20-9	7-Oxabicyclo[4.1.0]heptane, 2,2,6-	160	J			14.6	ug/Kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SW-846

SDG No.: H2730

Client: LaBella Associates P.C.

Analytical Method: 8270C

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
H2707-08MS	RICHMOND-AMBOY-SB09(0.5-6.0)	Nitrobenzene-d5	100	105.61	106		31	132
		2-Fluorobiphenyl	100	142.36	142	*	39	123
		Terphenyl-d14	100	73.58	74		37	115
H2707-08MSD	RICHMOND-AMBOY-SB09(0.5-6.0)	Nitrobenzene-d5	100	102.72	103		31	132
		2-Fluorobiphenyl	100	136.66	137	*	39	123
		Terphenyl-d14	100	72.16	72		37	115
H2730-01	STOCKPILE-1	Nitrobenzene-d5	100	96.67	97		31	132
		2-Fluorobiphenyl	100	74.28	74		39	123
		Terphenyl-d14	100	73.90	74		37	115
H2730-02	STOCKPILE-2	Nitrobenzene-d5	100	96.24	96		31	132
		2-Fluorobiphenyl	100	77.12	77		39	123
		Terphenyl-d14	100	72.79	73		37	115
PB90140BL	PB90140BL	Nitrobenzene-d5	100	81.03	81		31	132
		2-Fluorobiphenyl	100	81.80	82		39	123
		Terphenyl-d14	100	66.23	66		37	115
PB90140BS	PB90140BS	Nitrobenzene-d5	100	79.05	79		31	132
		2-Fluorobiphenyl	100	94.36	94		39	123
		Terphenyl-d14	100	80.38	80		37	115

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2730

Client: LaBella Associates P.C.

Analytical Method: SW8270C

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	H2707-08MS	Client Sample ID:	RICHMOND-AMBOY-SB09(0.5-6.0)M					DataFile:	BF086456.D		
Acenaphthylene	1800	0	1800	ug/Kg	100				45	117	
Acenaphthene	1800	0	1800	ug/Kg	100				45	118	
Fluorene	1800	0	1600	ug/Kg	89				41	121	
Phenanthrene	1800	0	1800	ug/Kg	100				29	138	
Anthracene	1800	0	1900	ug/Kg	106				45	120	
Fluoranthene	1800	0	2100	ug/Kg	117				33	133	
Pyrene	1800	0	1500	ug/Kg	83				31	135	
Benzo(a)anthracene	1800	0	1800	ug/Kg	100				35	132	
Chrysene	1800	0	1600	ug/Kg	89				34	131	
Benzo(b)fluoranthene	1800	0	1800	ug/Kg	100				35	128	
Benzo(k)fluoranthene	1800	0	2000	ug/Kg	111				39	117	
Benzo(a)pyrene	1800	0	1800	ug/Kg	100				35	129	
Indeno(1,2,3-cd)pyrene	1800	0	1600	ug/Kg	89				30	140	
Dibenz(a,h)anthracene	1800	0	1700	ug/Kg	94				18	147	
Benzo(g,h,i)perylene	1800	0	1600	ug/Kg	89				31	132	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2730

Client: LaBella Associates P.C.

Analytical Method: SW8270C

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	H2707-08MSD	Client Sample ID:	RICHMOND-AMBOY-SB09(0.5-6.0)M					DataFile:	BF086457.D		
Acenaphthylene	1900	0	1900	ug/Kg	100		0		45	117	20
Acenaphthene	1900	0	1700	ug/Kg	89		12		45	118	20
Fluorene	1900	0	1600	ug/Kg	84		6		41	121	20
Phenanthrene	1900	0	1800	ug/Kg	95		5		29	138	20
Anthracene	1900	0	1900	ug/Kg	100		6		45	120	20
Fluoranthene	1900	0	2000	ug/Kg	105		11		33	133	20
Pyrene	1900	0	1500	ug/Kg	79		5		31	135	20
Benzo(a)anthracene	1900	0	1800	ug/Kg	95		5		35	132	20
Chrysene	1900	0	1600	ug/Kg	84		6		34	131	20
Benzo(b)fluoranthene	1900	0	1800	ug/Kg	95		5		35	128	20
Benzo(k)fluoranthene	1900	0	2000	ug/Kg	105		6		39	117	20
Benzo(a)pyrene	1900	0	1800	ug/Kg	95		5		35	129	20
Indeno(1,2,3-cd)pyrene	1900	0	1500	ug/Kg	79		12		30	140	20
Dibenz(a,h)anthracene	1900	0	1700	ug/Kg	89		5		18	147	20
Benzo(g,h,i)perylene	1900	0	1600	ug/Kg	84		6		31	132	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2730

Client: LaBella Associates P.C.

Analytical Method: 8270D DataFile: BF086525.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB90140BS	Acenaphthylene	1700	1300	ug/Kg	76				57	101		
	Acenaphthene	1700	1400	ug/Kg	82				57	102		
	Fluorene	1700	1200	ug/Kg	71				57	101		
	Phenanthrene	1700	1300	ug/Kg	76				58	101		
	Anthracene	1700	1400	ug/Kg	82				57	102		
	Fluoranthene	1700	1400	ug/Kg	82				56	102		
	Pyrene	1700	1400	ug/Kg	82				56	106		
	Benzo(a)anthracene	1700	1400	ug/Kg	82				56	103		
	Chrysene	1700	1400	ug/Kg	82				58	102		
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				56	103		
	Benzo(k)fluoranthene	1700	1200	ug/Kg	71				55	102		
	Benzo(a)pyrene	1700	1400	ug/Kg	82				57	103		
	Indeno(1,2,3-cd)pyrene	1700	1500	ug/Kg	88				50	113		
	Dibenz(a,h)anthracene	1700	1500	ug/Kg	88				52	119		
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				56	105		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB90140BL

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2730

SAS No.: H2730 SDG NO.: H2730

Lab File ID: BF086520.D

Lab Sample ID: PB90140BL

Instrument ID: BNA_F

Date Extracted: 04/27/2016

Matrix: (soil/water) SOIL

Date Analyzed: 04/30/2016

Level: (low/med) LOW

Time Analyzed: 13:34

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB90140BS	PB90140BS	BF086525.D	04/30/2016
STOCKPILE-1	H2730-01	BF086639.D	05/03/2016
STOCKPILE-2	H2730-02	BF086640.D	05/03/2016
RICHMOND-AMBOY-SB09 (0.5-6.0) MS	H2707-08MS	BF086456.D	04/28/2016
RICHMOND-AMBOY-SB09 (0.5-6.0) MSD	H2707-08MSD	BF086457.D	04/28/2016

COMMENTS:

5B

**SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)**

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2730 SDG NO.: H2730

Lab File ID: BF086413.D

DFTPP Injection Date: 04/27/2016

Instrument ID: BNA_F

DFTPP Injection Time: 09:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	60
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	42.8
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	53.2
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.4
275	10.0 - 60.0% of mass 198	23.3
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	14.2
442	Greater than 50% of mass 198	89.9
443	15.0 - 24.0% of mass 442	16.9 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDIC02.5	SSTDIC02.5	BF086414.D	04/27/2016	10:28
SSTDIC010	SSTDIC010	BF086415.D	04/27/2016	10:56
SSTDIC025	SSTDIC025	BF086416.D	04/27/2016	11:25
SSTDIC040	SSTDIC040	BF086417.D	04/27/2016	11:53
SSTDIC050	SSTDIC050	BF086418.D	04/27/2016	12:22
SSTDIC060	SSTDIC060	BF086419.D	04/27/2016	12:50
SSTDIC080	SSTDIC080	BF086420.D	04/27/2016	13:19

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2730 SDG NO.: H2730

Lab File ID: BF086450.D

DFTPP Injection Date: 04/28/2016

Instrument ID: BNA_F

DFTPP Injection Time: 03:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	61
68	Less than 2.0% of mass 69	0.7 (1.7) 1
69	Mass 69 relative abundance	43.6
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	53.1
197	Less than 2.0% of mass 198	0.9
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	25.1
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	14.6
442	Greater than 50% of mass 198	93.1
443	15.0 - 24.0% of mass 442	17.8 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF086451.D	04/28/2016	04:17
RICHMOND-AMBOY-SB09(0.5-6.0)MS	H2707-08MS	BF086456.D	04/28/2016	06:40
RICHMOND-AMBOY-SB09(0.5-6.0)MSD	H2707-08MSD	BF086457.D	04/28/2016	07:08

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2730 SDG NO.: H2730

Lab File ID: BF086512.D

DFTPP Injection Date: 04/30/2016

Instrument ID: BNA_F

DFTPP Injection Time: 09:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	60.4
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	44.1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	53.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	23.8
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	87
443	15.0 - 24.0% of mass 442	16.2 (18.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF086513.D	04/30/2016	09:48
PB90140BL	PB90140BL	BF086520.D	04/30/2016	13:34
PB90140BS	PB90140BS	BF086525.D	04/30/2016	15:56

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2730 SDG NO.: H2730

Lab File ID: BF086635.D

DFTPP Injection Date: 05/03/2016

Instrument ID: BNA_F

DFTPP Injection Time: 09:35

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	61.9
68	Less than 2.0% of mass 69	0.8 (1.7) 1
69	Mass 69 relative abundance	45.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	54.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	24.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	13.5
442	Greater than 50% of mass 198	85
443	15.0 - 24.0% of mass 442	15.8 (18.5) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF086636.D	05/03/2016	10:02
STOCKPILE-1	H2730-01	BF086639.D	05/03/2016	12:30
STOCKPILE-2	H2730-02	BF086640.D	05/03/2016	12:58

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730
 EPA Sample No.: SSTDCCC040 Date Analyzed: 04/28/2016
 Lab File ID: BF086451.D Time Analyzed: 04:17
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	171544	6.81	668533	8.10	244034	9.85
UPPER LIMIT	343088	7.31	1337070	8.6	488068	10.35
LOWER LIMIT	85772	6.31	334267	7.6	122017	9.35
EPA SAMPLE NO.						
01 RICHMOND-AMBOY-SB09(0.5-6.0)MS	128930	6.81	470521	8.1	172699	9.85
02 RICHMOND-AMBOY-SB09(0.5-6.0)MSD	122698	6.81	440122	8.1	164870	9.85

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/28/2016

Lab File ID: BF086451.D Time Analyzed: 04:17

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	377896	11.32	391070	13.96	308893	15.37
UPPER LIMIT	755792	11.82	782140	14.46	617786	15.87
LOWER LIMIT	188948	10.82	195535	13.46	154447	14.87
EPA SAMPLE NO.						
01 RICHMOND-AMBOY-SB09 (0.5-6.0)M	265655	11.32	280179	13.96	210356	15.37
02 RICHMOND-AMBOY-SB09 (0.5-6.0)M	255420	11.32	268245	13.96	198677	15.37

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730
 EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2016
 Lab File ID: BF086513.D Time Analyzed: 09:48
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	162789	6.77	689073	8.05	343146	9.81
UPPER LIMIT	325578	7.27	1378150	8.55	686292	10.31
LOWER LIMIT	81394.5	6.27	344537	7.55	171573	9.31
EPA SAMPLE NO.						
01 PB90140BL	144058	6.76	629927	8.05	304967	9.8
02 PB90140BS	148374	6.76	631906	8.05	305154	9.8

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730
 EPA Sample No.: SSTDCCC040 Date Analyzed: 04/30/2016
 Lab File ID: BF086513.D Time Analyzed: 09:48
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	620798	11.29	421434	13.92	356119	15.31
UPPER LIMIT	1241600	11.79	842868	14.42	712238	15.81
LOWER LIMIT	310399	10.79	210717	13.42	178060	14.81
EPA SAMPLE NO.						
01 PB90140BL	620421	11.29	551567	13.92	427380	15.31
02 PB90140BS	585026	11.29	436440	13.92	355932	15.31

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730
 EPA Sample No.: SSTDCCC040 Date Analyzed: 05/03/2016
 Lab File ID: BF086636.D Time Analyzed: 10:02
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	197401	6.75	821074	8.04	381517	9.79
UPPER LIMIT	394802	7.25	1642150	8.54	763034	10.29
LOWER LIMIT	98700.5	6.25	410537	7.54	190759	9.29
EPA SAMPLE NO.						
01 STOCKPILE-1	189763	6.75	771592	8.04	386036	9.79
02 STOCKPILE-2	182455	6.75	735203	8.04	372413	9.79

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

EPA Sample No.: SSTDCCC040 Date Analyzed: 05/03/2016

Lab File ID: BF086636.D Time Analyzed: 10:02

Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	707702	11.28	479500	13.9	406360	15.3
UPPER LIMIT	1415400	11.78	959000	14.4	812720	15.8
LOWER LIMIT	353851	10.78	239750	13.4	203180	14.8
EPA SAMPLE NO.						
01 STOCKPILE-1	676856	11.26	483498	13.91	382927	15.30
02 STOCKPILE-2	665076	11.26	515976	13.90	378020	15.29

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90140BL	SDG No.:	H2730
Lab Sample ID:	PB90140BL	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086520.D	1	04/27/16 10:51	04/30/16 13:34	pb90140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
208-96-8	Acenaphthylene	330	U	8.4	33.3	330	ug/Kg
83-32-9	Acenaphthene	330	U	9.4	33.3	330	ug/Kg
86-73-7	Fluorene	330	U	12.6	33.3	330	ug/Kg
85-01-8	Phenanthrene	330	U	9	33.3	330	ug/Kg
120-12-7	Anthracene	330	U	6.8	33.3	330	ug/Kg
206-44-0	Fluoranthene	330	U	6.7	33.3	330	ug/Kg
129-00-0	Pyrene	330	U	8	33.3	330	ug/Kg
56-55-3	Benzo(a)anthracene	330	U	15.9	33.3	330	ug/Kg
218-01-9	Chrysene	330	U	15.1	33.3	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	330	U	10.9	33.3	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	330	U	15.7	33.3	330	ug/Kg
50-32-8	Benzo(a)pyrene	330	U	7.2	33.3	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	330	U	11.1	33.3	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	330	U	9.6	33.3	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330	U	13.5	33.3	330	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	81		31 - 132		81%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.8		39 - 123		82%	SPK: 100
1718-51-0	Terphenyl-d14	66.2		37 - 115		66%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	144058	6.76				
1146-65-2	Naphthalene-d8	629927	8.05				
15067-26-2	Acenaphthene-d10	304967	9.8				
1517-22-2	Phenanthrene-d10	620421	11.29				
1719-03-5	Chrysene-d12	551567	13.92				
1520-96-3	Perylene-d12	427380	15.31				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	70.3	A			4.96	ug/Kg
	unknown6.53	2900	J			6.53	ug/Kg

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90140BL	SDG No.:	H2730
Lab Sample ID:	PB90140BL	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086520.D	1	04/27/16 10:51	04/30/16 13:34	pb90140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90140BS	SDG No.:	H2730
Lab Sample ID:	PB90140BS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086525.D	1	04/27/16 10:51	04/30/16 15:56	pb90140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
208-96-8	Acenaphthylene	1300		8.4	33.3	330	ug/Kg
83-32-9	Acenaphthene	1400		9.4	33.3	330	ug/Kg
86-73-7	Fluorene	1200		12.6	33.3	330	ug/Kg
85-01-8	Phenanthrene	1300		9	33.3	330	ug/Kg
120-12-7	Anthracene	1400		6.8	33.3	330	ug/Kg
206-44-0	Fluoranthene	1400		6.7	33.3	330	ug/Kg
129-00-0	Pyrene	1400		8	33.3	330	ug/Kg
56-55-3	Benzo(a)anthracene	1400		15.9	33.3	330	ug/Kg
218-01-9	Chrysene	1400		15.1	33.3	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		10.9	33.3	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		15.7	33.3	330	ug/Kg
50-32-8	Benzo(a)pyrene	1400		7.2	33.3	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		11.1	33.3	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		9.6	33.3	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		13.5	33.3	330	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	79.1		31 - 132		79%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.4		39 - 123		94%	SPK: 100
1718-51-0	Terphenyl-d14	80.4		37 - 115		80%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148374	6.76				
1146-65-2	Naphthalene-d8	631906	8.05				
15067-26-2	Acenaphthene-d10	305154	9.8				
1517-22-2	Phenanthrene-d10	585026	11.29				
1719-03-5	Chrysene-d12	436440	13.92				
1520-96-3	Perylene-d12	355932	15.31				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90140BS	SDG No.:	H2730
Lab Sample ID:	PB90140BS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	0
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086525.D	1	04/27/16 10:51	04/30/16 15:56	pb90140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/22/16
Client Sample ID:	RICHMOND-AMBOY-SB09(0.5-6.0)MS	SDG No.:	H2730
Lab Sample ID:	H2707-08MS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086456.D	1	04/27/16 10:51	04/28/16 06:40	pb90140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
208-96-8	Acenaphthylene	1800		9.3	37	370	ug/Kg
83-32-9	Acenaphthene	1800		10.4	37	370	ug/Kg
86-73-7	Fluorene	1600		14	37	370	ug/Kg
85-01-8	Phenanthrene	1800		10	37	370	ug/Kg
120-12-7	Anthracene	1900		7.5	37	370	ug/Kg
206-44-0	Fluoranthene	2100		7.4	37	370	ug/Kg
129-00-0	Pyrene	1500		8.9	37	370	ug/Kg
56-55-3	Benzo(a)anthracene	1800		17.6	37	370	ug/Kg
218-01-9	Chrysene	1600		16.7	37	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		12.1	37	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		17.4	37	370	ug/Kg
50-32-8	Benzo(a)pyrene	1800		8	37	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		12.3	37	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		10.6	37	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		15	37	370	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	110		31 - 132		106%	SPK: 100
321-60-8	2-Fluorobiphenyl	140	*	39 - 123		142%	SPK: 100
1718-51-0	Terphenyl-d14	73.6		37 - 115		74%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	128930	6.81				
1146-65-2	Naphthalene-d8	470521	8.1				
15067-26-2	Acenaphthene-d10	172699	9.85				
1517-22-2	Phenanthrene-d10	265655	11.32				
1719-03-5	Chrysene-d12	280179	13.96				
1520-96-3	Perylene-d12	210356	15.37				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/22/16
Client Sample ID:	RICHMOND-AMBOY-SB09(0.5-6.0)MS	SDG No.:	H2730
Lab Sample ID:	H2707-08MS	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10.1
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086456.D	1	04/27/16 10:51	04/28/16 06:40	pb90140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
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J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/22/16
Client Sample ID:	RICHMOND-AMBOY-SB09(0.5-6.0)MSD	SDG No.:	H2730
Lab Sample ID:	H2707-08MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086457.D	1	04/27/16 10:51	04/28/16 07:08	pb90140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
208-96-8	Acenaphthylene	1900		9.3	37	370	ug/Kg
83-32-9	Acenaphthene	1700		10.4	37	370	ug/Kg
86-73-7	Fluorene	1600		14	37	370	ug/Kg
85-01-8	Phenanthrene	1800		10	37	370	ug/Kg
120-12-7	Anthracene	1900		7.6	37	370	ug/Kg
206-44-0	Fluoranthene	2000		7.4	37	370	ug/Kg
129-00-0	Pyrene	1500		8.9	37	370	ug/Kg
56-55-3	Benzo(a)anthracene	1800		17.7	37	370	ug/Kg
218-01-9	Chrysene	1600		16.8	37	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		12.1	37	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000		17.4	37	370	ug/Kg
50-32-8	Benzo(a)pyrene	1800		8	37	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		12.3	37	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		10.7	37	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		15	37	370	ug/Kg
SURROGATES							
4165-60-0	Nitrobenzene-d5	100		31 - 132		103%	SPK: 100
321-60-8	2-Fluorobiphenyl	140	*	39 - 123		137%	SPK: 100
1718-51-0	Terphenyl-d14	72.2		37 - 115		72%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	122698	6.81				
1146-65-2	Naphthalene-d8	440122	8.1				
15067-26-2	Acenaphthene-d10	164870	9.85				
1517-22-2	Phenanthrene-d10	255420	11.32				
1719-03-5	Chrysene-d12	268245	13.96				
1520-96-3	Perylene-d12	198677	15.37				

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/22/16
Client Sample ID:	RICHMOND-AMBOY-SB09(0.5-6.0)MSD	SDG No.:	H2730
Lab Sample ID:	H2707-08MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Moisture:	10.1
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086457.D	1	04/27/16 10:51	04/28/16 07:08	pb90140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 () = Laboratory InHouse Limit

CALIBRATION SUMMARY

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG No.: H2730
 Instrument ID: BNA_F Calibration Date(s): 04/27/2016 04/27/2016
 Calibration Time(s): 10:28 13:19

LAB FILE ID:		RRF2.5 = BF086414.D			RRF010 = BF086415.D		RRF025 = BF086416.D	
		RRF040 = BF086417.D			RRF050 = BF086418.D		RRF060 = BF086419.D	
COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
2-Fluorophenol	0.978	1.221	1.276	1.123	1.177	1.109	1.160	8.6
Phenol-d6	1.611	1.813	1.665	1.549	1.579	1.627	1.618	6.4
Nitrobenzene-d5	0.341	0.395	0.382	0.374	0.380	0.355	0.371	4.9
2-Fluorobiphenyl		1.495	1.349	1.112	1.137	1.027	1.182	17.0
Acenaphthylene	2.429	2.285	2.002	1.900	1.957	1.779	1.987	14.8
Acenaphthene	1.494	1.462	1.293	1.228	1.261	1.131	1.276	12.4
Fluorene	1.618	1.583	1.334	1.274	1.295	1.206	1.385	12.5
2,4,6-Tribromophenol	0.189	0.236	0.219	0.217	0.221	0.203	0.211	8.0
Phenanthrene	1.128	1.132	1.017	1.060	1.039	1.055	1.050	7.0
Anthracene	1.242	1.188	1.180	1.087	1.082	1.016	1.120	7.5
Fluoranthene	1.122	1.122	1.146	1.051	1.059	0.962	1.059	7.3
Pyrene	1.573	1.481	1.541	1.461	1.504	1.241	1.441	8.8
Terphenyl-d14	1.018	0.993	0.985	0.858	0.901	0.763	0.908	10.4
Benzo (a) anthracene	1.175	1.145	1.099	0.999	1.057	1.038	1.066	7.4
Chrysene	1.302	1.291	1.287	1.115	1.203	0.930	1.159	13.2
Benzo (b) fluoranthene	1.013	1.069	1.419	1.197	1.283	1.191	1.177	12.1
Benzo (k) fluoranthene	1.478	1.453	1.072	1.125	1.115	1.167	1.227	13.6
Benzo (a) pyrene	1.181	1.132	1.124	1.076	1.101	1.101	1.111	3.6
Indeno (1,2,3-cd) pyrene	0.732	0.826	0.855	0.884	0.918	0.863	0.859	7.8
Dibenzo (a,h) anthracene	0.759	0.845	0.854	0.964	0.969	0.949	0.909	10.1
Benzo (g,h,i) perylene	0.803	0.816	0.819	0.965	0.961	0.956	0.911	10.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG No.: H2730
 Instrument ID: BNA_F Calibration Date/Time: 04/28/2016 04:17
 Lab File ID: BF086451.D Init. Calib. Date(s): 04/27/2016 04/27/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:28 13:19
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.160	1.267		9.3	
Phenol-d6	1.618	1.620		0.1	
Nitrobenzene-d5	0.371	0.366		-1.3	
2-Fluorobiphenyl	1.182	1.334		12.9	
Acenaphthylene	1.987	1.945		-2.1	
Acenaphthene	1.276	1.184		-7.2	20.0
Fluorene	1.385	1.188		-14.2	
2,4,6-Tribromophenol	0.211	0.177		-16.1	
Phenanthrene	1.050	1.028		-2.1	
Anthracene	1.120	1.103		-1.5	
Fluoranthene	1.059	1.138		7.5	20.0
Pyrene	1.441	1.129		-21.7	
Terphenyl-d14	0.908	0.672		-26.0	
Benzo (a) anthracene	1.066	1.021		-4.2	
Chrysene	1.159	1.082		-6.6	
Benzo (b) fluoranthene	1.177	1.473		25.1	
Benzo (k) fluoranthene	1.227	0.988		-19.5	
Benzo (a) pyrene	1.111	1.056		-4.9	20.0
Indeno (1,2,3-cd) pyrene	0.859	0.762		-11.3	
Dibenzo (a,h) anthracene	0.909	0.824		-9.4	
Benzo (g,h,i) perylene	0.911	0.771		-15.4	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG No.: H2730
 Instrument ID: BNA_F Calibration Date/Time: 04/30/2016 09:48
 Lab File ID: BF086513.D Init. Calib. Date(s): 04/27/2016 04/27/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:28 13:19
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.160	1.254		8.2	
Phenol-d6	1.618	1.704		5.3	
Nitrobenzene-d5	0.371	0.406		9.4	
2-Fluorobiphenyl	1.182	1.202		1.7	
Acenaphthylene	1.987	1.974		-0.7	
Acenaphthene	1.276	1.311		2.7	20.0
Fluorene	1.385	1.253		-9.5	
2,4,6-Tribromophenol	0.211	0.223		5.7	
Phenanthrene	1.050	0.996		-5.1	
Anthracene	1.120	1.136		1.4	
Fluoranthene	1.059	1.140		7.6	20.0
Pyrene	1.441	1.687		17.1	
Terphenyl-d14	0.908	1.011		11.3	
Benzo (a) anthracene	1.066	1.126		5.6	
Chrysene	1.159	1.306		12.7	
Benzo (b) fluoranthene	1.177	1.179		0.2	
Benzo (k) fluoranthene	1.227	1.140		-7.1	
Benzo (a) pyrene	1.111	1.083		-2.5	20.0
Indeno (1,2,3-cd) pyrene	0.859	1.062		23.6	
Dibenzo (a,h) anthracene	0.909	1.037		14.1	
Benzo (g,h,i) perylene	0.911	1.064		16.8	

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG No.: H2730
 Instrument ID: BNA_F Calibration Date/Time: 05/03/2016 10:02
 Lab File ID: BF086636.D Init. Calib. Date(s): 04/27/2016 04/27/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:28 13:19
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.160	1.134		-2.2	
Phenol-d6	1.618	1.592		-1.6	
Nitrobenzene-d5	0.371	0.398		7.3	
2-Fluorobiphenyl	1.182	1.305		10.4	
Acenaphthylene	1.987	1.825		-8.2	
Acenaphthene	1.276	1.240		-2.8	20.0
Fluorene	1.385	1.163		-16.0	
2,4,6-Tribromophenol	0.211	0.218		3.3	
Phenanthrene	1.050	0.956		-9.0	
Anthracene	1.120	1.128		0.7	
Fluoranthene	1.059	1.061		0.2	20.0
Pyrene	1.441	1.511		4.9	
Terphenyl-d14	0.908	1.006		10.8	
Benzo (a) anthracene	1.066	1.116		4.7	
Chrysene	1.159	1.313		13.3	
Benzo (b) fluoranthene	1.177	1.193		1.4	
Benzo (k) fluoranthene	1.227	1.177		-4.1	
Benzo (a) pyrene	1.111	1.079		-2.9	20.0
Indeno (1,2,3-cd) pyrene	0.859	0.943		9.8	
Dibenzo (a,h) anthracene	0.909	0.925		1.8	
Benzo (g,h,i) perylene	0.911	0.926		1.6	

All other compounds must meet a minimum RRF of 0.010.



284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID:	H2730	OrderDate:	4/26/2016 11:37:00 AM
Client:	LaBella Associates P.C.	Project:	4185 Military Road, Niagara, NY
Contact:	Adam Zebrowski	Location:	O23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2730-01	STOCKPILE-1	SOIL			04/22/16			04/25/16
			PCB	8082A		04/27/16	04/27/16	
			Pesticide-TCL	8081B		04/27/16	04/27/16	
H2730-02	STOCKPILE-2	SOIL			04/22/16			04/25/16
			PCB	8082A		04/27/16	04/27/16	
			Pesticide-TCL	8081B		04/27/16	04/27/16	

Hit Summary Sheet
SW-846

SDG No.:

Order ID:

Client:

Project ID:

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :								

Total Concentration:

- A
- B
- C
- D
- E
- F
- G

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-1	SDG No.:	H2730
Lab Sample ID:	H2730-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	24.6
Sample Wt/Vol:	30.13	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ008054.D	1	04/27/16 08:59	04/27/16 20:18	PB90097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	22.4	U	4.4	4.4	22.4	ug/kg
11104-28-2	Aroclor-1221	22.4	U	4.4	4.4	22.4	ug/kg
11141-16-5	Aroclor-1232	22.4	U	4.4	4.4	22.4	ug/kg
53469-21-9	Aroclor-1242	22.4	U	4.4	4.4	22.4	ug/kg
12672-29-6	Aroclor-1248	22.4	U	4.4	4.4	22.4	ug/kg
11097-69-1	Aroclor-1254	22.4	U	2	4.4	22.4	ug/kg
37324-23-5	Aroclor-1262	22.4	U	4.4	4.4	22.4	ug/kg
11100-14-4	Aroclor-1268	22.4	U	4.4	4.4	22.4	ug/kg
11096-82-5	Aroclor-1260	22.4	U	4.4	4.4	22.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17		10 - 166		85%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.9		60 - 125		79%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-2	SDG No.:	H2730
Lab Sample ID:	H2730-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	21.2
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ008055.D	1	04/27/16 08:59	04/27/16 20:33	PB90097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	21.5	U	4.2	4.2	21.5	ug/kg
11104-28-2	Aroclor-1221	21.5	U	4.2	4.2	21.5	ug/kg
11141-16-5	Aroclor-1232	21.5	U	4.2	4.2	21.5	ug/kg
53469-21-9	Aroclor-1242	21.5	U	4.2	4.2	21.5	ug/kg
12672-29-6	Aroclor-1248	21.5	U	4.2	4.2	21.5	ug/kg
11097-69-1	Aroclor-1254	21.5	U	1.9	4.2	21.5	ug/kg
37324-23-5	Aroclor-1262	21.5	U	4.2	4.2	21.5	ug/kg
11100-14-4	Aroclor-1268	21.5	U	4.2	4.2	21.5	ug/kg
11096-82-5	Aroclor-1260	21.5	U	4.2	4.2	21.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	18.3		10 - 166		92%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.4		60 - 125		87%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SDG No.: H2730

Client: LaBella Associates P.C.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PQ007809.D	PIBLK-PQ007809.D	Tetrachloro-m-xylene	1	20	20.17	101		35	137
		Decachlorobiphenyl	1	20	21.06	105		40	135
		Tetrachloro-m-xylene	2	20	20.45	102		35	137
		Decachlorobiphenyl	2	20	20.49	102		40	135
I.BLK-PQ008029.D	PIBLK-PQ008029.D	Tetrachloro-m-xylene	1	20	23.64	118		35	137
		Decachlorobiphenyl	1	20	25	125		40	135
		Tetrachloro-m-xylene	2	20	22.86	114		35	137
		Decachlorobiphenyl	2	20	20.33	102		40	135
PB90097BL	PB90097BL	Tetrachloro-m-xylene	1	20	20.11	101		10	166
		Decachlorobiphenyl	1	20	22.39	112		60	125
		Tetrachloro-m-xylene	2	20	19.56	98		10	166
		Decachlorobiphenyl	2	20	18.07	90		60	125
PB90097BS	PB90097BS	Tetrachloro-m-xylene	1	20	20.58	103		10	166
		Decachlorobiphenyl	1	20	22.61	113		60	125
		Tetrachloro-m-xylene	2	20	19.13	96		10	166
		Decachlorobiphenyl	2	20	18.45	92		60	125
I.BLK-PQ008044.D	PIBLK-PQ008044.D	Tetrachloro-m-xylene	1	20	23.16	116		35	137
		Decachlorobiphenyl	1	20	24.61	123		40	135
		Tetrachloro-m-xylene	2	20	22.15	111		35	137
		Decachlorobiphenyl	2	20	20.1	101		40	135
H2707-06MS	RICHMOND-AMBOY-SB08(0.5-6.0)	Tetrachloro-m-xylene	1	20	20.84	104		10	166
		Decachlorobiphenyl	1	20	19.9	100		60	125
		Tetrachloro-m-xylene	2	20	19.63	98		10	166
		Decachlorobiphenyl	2	20	15.79	79		60	125
H2707-06MSD	RICHMOND-AMBOY-SB08(0.5-6.0)	Tetrachloro-m-xylene	1	20	20.92	105		10	166
		Decachlorobiphenyl	1	20	19.27	96		60	125
		Tetrachloro-m-xylene	2	20	19.79	99		10	166
		Decachlorobiphenyl	2	20	16.43	82		60	125
H2730-01	STOCKPILE-1	Tetrachloro-m-xylene	1	20	17.01	85		10	166
		Decachlorobiphenyl	1	20	15.89	79		60	125
		Tetrachloro-m-xylene	2	20	16.31	82		10	166
		Decachlorobiphenyl	2	20	12.51	63		60	125
H2730-02	STOCKPILE-2	Tetrachloro-m-xylene	1	20	18.31	92		10	166
		Decachlorobiphenyl	1	20	17.41	87		60	125
		Tetrachloro-m-xylene	2	20	17.53	88		10	166
		Decachlorobiphenyl	2	20	14.1	71		60	125
I.BLK-PQ008058.D	PIBLK-PQ008058.D	Tetrachloro-m-xylene	1	20	23.59	118		35	137
		Decachlorobiphenyl	1	20	25.78	129		40	135
		Tetrachloro-m-xylene	2	20	22.77	114		35	137
		Decachlorobiphenyl	2	20	21.06	105		40	135

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: H2730

Client: LaBella Associates P.C.

Analytical Method: 8082A

DataFile : PQ008049.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: RICHMOND-AMBOY-SB08(0.5-6.0)MS												
H2707-06MS	AR1016	77.1	0	150	ug/kg	195	*			40	140	
	AR1260	77.1	0	120	ug/kg	156	*			60	130	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: H2730

Client: LaBella Associates P.C.

Analytical Method: 8082A

DataFile : PQ008050.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Client Sample ID: RICHMOND-AMBOY-SB08(0.5-6.0)MSD												
H2707-06MSD	AR1016	77	0	150	ug/kg	195	*	0		40	140	20
	AR1260	77	0	120	ug/kg	156	*	0		60	130	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: H2730

Client: LaBella Associates P.C.

Analytical Method: 8082A

Datafile : PQ008043.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB90097BS	AR1016	66.7	77.5	ug/kg	116				53	140	
	AR1260	66.7	79.5	ug/kg	119				65	130	

A

B

C

D

E

F

G

4C
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB90097BL

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2730

SAS No.: H2730 SDG NO.: H2730

Lab Sample ID: PB90097BL

Lab File ID: PQ008042.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 04/27/2016

Date Analyzed (1): 04/27/2016

Date Analyzed (2): 04/27/2016

Time Analyzed (1): 17:10

Time Analyzed (2): 17:10

Instrument ID (1): ECD_Q

Instrument ID (2): ECD_Q

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB90097BS	PB90097BS	PQ008043.D	04/27/2016	04/27/2016
RICHMOND-AMBOY-SB08 (0.5-6.0) MS	H2707-06MS	PQ008049.D	04/27/2016	04/27/2016
RICHMOND-AMBOY-SB08 (0.5-6.0) MSD	H2707-06MSD	PQ008050.D	04/27/2016	04/27/2016
STOCKPILE-1	H2730-01	PQ008054.D	04/27/2016	04/27/2016
STOCKPILE-2	H2730-02	PQ008055.D	04/27/2016	04/27/2016

COMMENTS: _____

CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Contract: LABE01
Lab Code: CHEM **Case No.:** H2730 **SAS No.:** H2730 **SDG NO.:** H2730
Instrument ID: ECD_Q **Calibration Date(s):** 04/15/2016 04/15/2016
Calibration Times: 10:38 13:18

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: **RT 1000 =** PQ007810.D **RT 750 =** PQ007811.D
RT 500 = PQ007812.D **RT 250 =** PQ007813.D **RT 050 =** PQ007814.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	5.44	5.44	5.44	5.44	5.44	5.44	5.34	5.54
Aroclor-1016-2	(2)	5.80	5.80	5.80	5.80	5.79	5.79	5.69	5.89
Aroclor-1016-3	(3)	5.90	5.90	5.90	5.90	5.90	5.90	5.80	6.00
Aroclor-1016-4	(4)	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
Aroclor-1016-5	(5)	6.33	6.33	6.33	6.33	6.33	6.33	6.23	6.43
Aroclor-1260-1	(1)	7.31	7.31	7.31	7.31	7.31	7.31	7.21	7.41
Aroclor-1260-2	(2)	7.57	7.57	7.57	7.57	7.57	7.57	7.47	7.67
Aroclor-1260-3	(3)	7.85	7.85	7.85	7.85	7.85	7.85	7.75	7.95
Aroclor-1260-4	(4)	8.16	8.16	8.16	8.16	8.16	8.16	8.06	8.26
Aroclor-1260-5	(5)	8.49	8.49	8.49	8.49	8.49	8.49	8.39	8.59
Decachlorobiphenyl		10.35	10.35	10.35	10.35	10.35	10.35	10.25	10.45
Tetrachloro-m-xylene		4.53	4.53	4.53	4.53	4.53	4.53	4.43	4.63

RETENTION TIMES OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_Q Calibration Date(s): 04/15/2016 04/15/2016

Calibration Times: 10:38 13:18

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 1000 = PQ007810.D RT 750 = PQ007811.D

RT 500 = PQ007812.D RT 250 = PQ007813.D RT 050 = PQ007814.D

COMPOUND	RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM TO	
Aroclor-1016-1 (1)	4.61	4.61	4.61	4.61	4.61	4.61	4.51	4.71
Aroclor-1016-2 (2)	5.03	5.03	5.03	5.03	5.03	5.03	4.93	5.13
Aroclor-1016-3 (3)	5.07	5.07	5.07	5.07	5.07	5.07	4.97	5.17
Aroclor-1016-4 (4)	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
Aroclor-1016-5 (5)	5.28	5.28	5.28	5.28	5.28	5.28	5.18	5.38
Aroclor-1260-1 (1)	6.31	6.31	6.31	6.31	6.31	6.31	6.21	6.41
Aroclor-1260-2 (2)	6.49	6.49	6.49	6.49	6.49	6.49	6.39	6.59
Aroclor-1260-3 (3)	6.65	6.65	6.65	6.65	6.65	6.65	6.55	6.75
Aroclor-1260-4 (4)	6.82	6.82	6.82	6.82	6.82	6.82	6.72	6.92
Aroclor-1260-5 (5)	7.36	7.36	7.36	7.36	7.36	7.36	7.26	7.46
Decachlorobiphenyl	8.75	8.75	8.75	8.75	8.75	8.75	8.65	8.85
Tetrachloro-m-xylene	3.75	3.75	3.75	3.75	3.75	3.75	3.65	3.85

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_Q Calibration Date(s): 04/15/2016 04/15/2016

Calibration Times: 10:38 13:18

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:								
CF 1000 = <u>PQ007810.D</u>		CF 750 = <u>PQ007811.D</u>						
CF 500 = <u>PQ007812.D</u>		CF 250 = <u>PQ007813.D</u>		CF 050 = <u>PQ007814.D</u>				
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	141255440	149385479	149301036	159465248	164413880	152764217	6
Aroclor-1016-2	(2)	167599080	176274201	181590180	187504096	201813380	182956187	7
Aroclor-1016-3	(3)	138471262	144003943	149268876	150114940	154171640	147206132	4
Aroclor-1016-4	(4)	134283563	141218889	148074752	151497220	163520760	147719037	7
Aroclor-1016-5	(5)	140886888	147960817	154935930	158546764	166591260	153784332	6
Aroclor-1260-1	(1)	220822062	232132329	245387966	246988224	279657080	244997532	9
Aroclor-1260-2	(2)	250176380	261728711	274821228	280514716	322552080	277958623	10
Aroclor-1260-3	(3)	295051429	302491371	318613752	319301104	343993900	315890311	6
Aroclor-1260-4	(4)	196418735	203518720	211764188	211592420	224589100	209576633	5
Aroclor-1260-5	(5)	352052391	372371268	396959218	378911956	428438200	385746607	7
Decachlorobiphenyl		2653065350	2921206173	3087970400	3173694640	3400480200	3047283353	9
Tetrachloro-m-xylene		7337169140	7682302613	7520504320	7362707240	6694920600	7319520783	5

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_Q Calibration Date(s): 04/15/2016 04/15/2016

Calibration Times: 10:38 13:18

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		CF 1000 = <u>PQ007810.D</u>		CF 750 = <u>PQ007811.D</u>				
CF 500 = <u>PQ007812.D</u>		CF 250 = <u>PQ007813.D</u>		CF 050 = <u>PQ007814.D</u>				
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	75239982	79199736	79394882	83530624	85827720	80638589	5
Aroclor-1016-2	(2)	77841986	82326580	81184834	85492604	91198700	83608941	6
Aroclor-1016-3	(3)	60930661	65258216	65297700	69721964	75278520	67297412	8
Aroclor-1016-4	(4)	74471378	79767701	79506120	84593324	90006720	81669049	7
Aroclor-1016-5	(5)	82998447	88320428	88152584	91985592	98575640	90006538	6
Aroclor-1260-1	(1)	176869853	184970608	184274374	190557772	200232380	187380997	5
Aroclor-1260-2	(2)	221555883	231000021	233361862	237147328	252158840	235044787	5
Aroclor-1260-3	(3)	207620300	215831627	213055072	218233312	219650120	214878086	2
Aroclor-1260-4	(4)	249692661	266143319	241846626	266915032	274062700	259732068	5
Aroclor-1260-5	(5)	421283360	438690104	425151918	428250508	431259300	428927038	2
Decachlorobiphenyl		3963614210	4099408747	4087096220	4186076120	4379119600	4143062979	4
Tetrachloro-m-xylene		7090575800	7316187307	7245811920	7146053240	7017065600	7163138773	2

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_Q Date(s) Analyzed: 04/15/2016 04/15/2016

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.74	4.64	4.84	67939400
		2	4.83	4.73	4.93	50078200
		3	4.91	4.81	5.01	154576000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.91	4.81	5.01	127605000
		2	5.44	5.34	5.54	63609000
		3	5.80	5.70	5.90	77743600
		4	5.90	5.80	6.00	60430000
		5	6.19	6.09	6.29	54522800
Aroclor-1242	500	1	5.44	5.34	5.54	115687000
		2	5.90	5.80	6.00	112049000
		3	6.19	6.09	6.29	113456000
		4	6.33	6.23	6.43	123104000
		5	6.63	6.53	6.73	113938000
Aroclor-1248	500	1	6.19	6.09	6.29	186585000
		2	6.33	6.23	6.43	161487000
		3	6.59	6.49	6.69	199920000
		4	6.63	6.53	6.73	192213000
		5	6.79	6.69	6.89	194471000
Aroclor-1254	500	1	6.57	6.47	6.67	197883000
		2	6.78	6.68	6.88	301534000
		3	7.15	7.05	7.25	302788000
		4	7.44	7.34	7.54	238956000
		5	7.71	7.61	7.81	165390000
Aroclor-1262	500	1	7.31	7.21	7.41	220520000
		2	7.57	7.47	7.67	247968000
		3	7.93	7.83	8.03	331784000
		4	8.16	8.06	8.26	305440000
		5	8.49	8.39	8.59	526916000
Aroclor-1268	500	1	8.80	8.70	8.90	471050000
		2	8.90	8.80	9.00	424066000
		3	9.13	9.03	9.23	352594000
		4	9.58	9.48	9.68	146717000
		5	10.00	9.90	10.10	984114000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_Q Date(s) Analyzed: 04/15/2016 04/15/2016

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.96	3.86	4.06	67682800
		2	4.05	3.95	4.15	45278000
		3	4.12	4.02	4.22	126758000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.12	4.02	4.22	105850000
		2	4.91	4.81	5.01	43323000
		3	5.03	4.93	5.13	33622000
		4	5.28	5.18	5.38	33488400
		5	5.63	5.53	5.73	39590400
Aroclor-1242	500	1	4.61	4.51	4.71	61999000
		2	5.03	4.93	5.13	63152200
		3	5.28	5.18	5.38	69060600
		4	5.63	5.53	5.73	85579400
		5	5.67	5.57	5.77	72316200
Aroclor-1248	500	1	5.07	4.97	5.17	90047400
		2	5.11	5.01	5.21	94233200
		3	5.28	5.18	5.38	114257000
		4	5.63	5.53	5.73	170041000
		5	5.67	5.57	5.77	119820000
Aroclor-1254	500	1	5.63	5.53	5.73	176426000
		2	5.77	5.67	5.87	153027000
		3	6.18	6.08	6.28	259684000
		4	6.41	6.31	6.51	168677000
		5	6.72	6.62	6.82	115134000
Aroclor-1262	500	1	6.31	6.21	6.41	179077000
		2	6.49	6.39	6.59	216478000
		3	6.86	6.76	6.96	321248000
		4	7.12	7.02	7.22	288798000
		5	7.36	7.26	7.46	613040000
Aroclor-1268	500	1	7.64	7.54	7.74	514764000
		2	7.70	7.60	7.80	471940000
		3	7.91	7.81	8.01	400572000
		4	8.20	8.10	8.30	173300000
		5	8.49	8.39	8.59	1373730000

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Continuing Calib Date: 04/27/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 11:44 Initial Calibration Time(s): 10:38 13:18

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.45	5.44	5.34	5.54	-0.01
Aroclor-1016-2	(2)	5.80	5.80	5.70	5.90	0.00
Aroclor-1016-3	(3)	5.90	5.90	5.80	6.00	0.00
Aroclor-1016-4	(4)	6.19	6.19	6.09	6.29	0.00
Aroclor-1016-5	(5)	6.34	6.33	6.23	6.43	-0.01
Aroclor-1260-1	(1)	7.32	7.31	7.21	7.41	-0.01
Aroclor-1260-2	(2)	7.58	7.57	7.47	7.67	0.00
Aroclor-1260-3	(3)	7.86	7.85	7.75	7.95	-0.01
Aroclor-1260-4	(4)	8.16	8.16	8.06	8.26	0.00
Aroclor-1260-5	(5)	8.50	8.49	8.39	8.59	0.00
Tetrachloro-m-xylene		4.53	4.53	4.43	4.63	0.00
Decachlorobiphenyl		10.36	10.35	10.25	10.45	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Continuing Calib Date: 04/27/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 11:44 Initial Calibration Time(s): 10:38 13:18

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Aroclor-1016-1 (1)	4.61	4.61	4.51	4.71	0.00
Aroclor-1016-2 (2)	5.03	5.03	4.93	5.13	0.00
Aroclor-1016-3 (3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4 (4)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-5 (5)	5.28	5.28	5.18	5.38	0.00
Aroclor-1260-1 (1)	6.31	6.31	6.21	6.41	0.00
Aroclor-1260-2 (2)	6.49	6.49	6.39	6.59	0.00
Aroclor-1260-3 (3)	6.65	6.65	6.55	6.75	0.00
Aroclor-1260-4 (4)	6.82	6.82	6.72	6.92	0.00
Aroclor-1260-5 (5)	7.36	7.36	7.26	7.46	0.00
Tetrachloro-m-xylene	3.75	3.75	3.65	3.85	0.00
Decachlorobiphenyl	8.76	8.75	8.65	8.85	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL01 Date Analyzed: 04/27/2016

Lab Sample No.: AR1660CCC500 Data File : PQ008030.D Time Analyzed: 11:44

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.445	5.342	5.542	574.750	500.000	15.0
Aroclor-1016-2	5.799	5.695	5.895	568.710	500.000	13.7
Aroclor-1016-3	5.900	5.796	5.996	580.960	500.000	16.2
Aroclor-1016-4	6.193	6.089	6.289	577.010	500.000	15.4
Aroclor-1016-5	6.335	6.232	6.432	577.470	500.000	15.5
Aroclor-1260-1	7.318	7.212	7.412	576.350	500.000	15.3
Aroclor-1260-2	7.575	7.469	7.669	578.600	500.000	15.7
Aroclor-1260-3	7.861	7.754	7.954	586.460	500.000	17.3
Aroclor-1260-4	8.164	8.057	8.257	586.280	500.000	17.3
Aroclor-1260-5	8.495	8.387	8.587	582.610	500.000	16.5
Decachlorobiphenyl	10.359	10.247	10.447	57.640	50.000	15.3
Tetrachloro-m-xylene	4.534	4.431	4.631	57.820	50.000	15.6

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL01 Date Analyzed: 04/27/2016

Lab Sample No.: AR1660CCC500 Data File : PQ008030.D Time Analyzed: 11:44

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.612	4.514	4.714	776.860	500.000	55.4
Aroclor-1016-2	5.028	4.928	5.128	546.200	500.000	9.2
Aroclor-1016-3	5.065	4.966	5.166	535.640	500.000	7.1
Aroclor-1016-4	5.107	5.008	5.208	534.020	500.000	6.8
Aroclor-1016-5	5.280	5.181	5.381	524.670	500.000	4.9
Aroclor-1260-1	6.309	6.208	6.408	535.580	500.000	7.1
Aroclor-1260-2	6.493	6.393	6.593	529.720	500.000	5.9
Aroclor-1260-3	6.651	6.550	6.750	539.190	500.000	7.8
Aroclor-1260-4	6.824	6.724	6.924	550.360	500.000	10.1
Aroclor-1260-5	7.359	7.257	7.457	538.550	500.000	7.7
Decachlorobiphenyl	8.755	8.651	8.851	48.320	50.000	-3.4
Tetrachloro-m-xylene	3.746	3.645	3.845	55.950	50.000	11.9

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Continuing Calib Date: 04/27/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 18:08 Initial Calibration Time(s): 10:38 13:18

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Aroclor-1016-1 (1)	5.44	5.44	5.34	5.54	0.00
Aroclor-1016-2 (2)	5.79	5.80	5.70	5.90	0.01
Aroclor-1016-3 (3)	5.89	5.90	5.80	6.00	0.01
Aroclor-1016-4 (4)	6.18	6.19	6.09	6.29	0.01
Aroclor-1016-5 (5)	6.32	6.33	6.23	6.43	0.01
Aroclor-1260-1 (1)	7.31	7.31	7.21	7.41	0.01
Aroclor-1260-2 (2)	7.56	7.57	7.47	7.67	0.01
Aroclor-1260-3 (3)	7.85	7.85	7.75	7.95	0.00
Aroclor-1260-4 (4)	8.15	8.16	8.06	8.26	0.01
Aroclor-1260-5 (5)	8.48	8.49	8.39	8.59	0.01
Tetrachloro-m-xylene	4.53	4.53	4.43	4.63	0.00
Decachlorobiphenyl	10.34	10.35	10.25	10.45	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Continuing Calib Date: 04/27/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 18:08 Initial Calibration Time(s): 10:38 13:18

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Aroclor-1016-1 (1)	4.61	4.61	4.51	4.71	0.00
Aroclor-1016-2 (2)	5.03	5.03	4.93	5.13	0.00
Aroclor-1016-3 (3)	5.06	5.07	4.97	5.17	0.01
Aroclor-1016-4 (4)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-5 (5)	5.28	5.28	5.18	5.38	0.00
Aroclor-1260-1 (1)	6.31	6.31	6.21	6.41	0.01
Aroclor-1260-2 (2)	6.49	6.49	6.39	6.59	0.00
Aroclor-1260-3 (3)	6.65	6.65	6.55	6.75	0.00
Aroclor-1260-4 (4)	6.82	6.82	6.72	6.92	0.00
Aroclor-1260-5 (5)	7.35	7.36	7.26	7.46	0.01
Tetrachloro-m-xylene	3.75	3.75	3.65	3.85	0.00
Decachlorobiphenyl	8.75	8.75	8.65	8.85	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL02 Date Analyzed: 04/27/2016

Lab Sample No.: AR1660CCC500 Data File : PQ008045.D Time Analyzed: 18:08

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.436	5.342	5.542	571.070	500.000	14.2
Aroclor-1016-2	5.789	5.695	5.895	550.420	500.000	10.1
Aroclor-1016-3	5.889	5.796	5.996	560.470	500.000	12.1
Aroclor-1016-4	6.182	6.089	6.289	552.940	500.000	10.6
Aroclor-1016-5	6.323	6.232	6.432	550.840	500.000	10.2
Aroclor-1260-1	7.305	7.212	7.412	563.190	500.000	12.6
Aroclor-1260-2	7.561	7.469	7.669	558.210	500.000	11.6
Aroclor-1260-3	7.847	7.754	7.954	562.320	500.000	12.5
Aroclor-1260-4	8.149	8.057	8.257	575.730	500.000	15.1
Aroclor-1260-5	8.479	8.387	8.587	568.100	500.000	13.6
Decachlorobiphenyl	10.336	10.247	10.447	56.110	50.000	12.2
Tetrachloro-m-xylene	4.527	4.431	4.631	56.970	50.000	13.9

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL02 Date Analyzed: 04/27/2016

Lab Sample No.: AR1660CCC500 Data File : PQ008045.D Time Analyzed: 18:08

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.612	4.514	4.714	574.700	500.000	14.9
Aroclor-1016-2	5.026	4.928	5.128	541.770	500.000	8.4
Aroclor-1016-3	5.064	4.966	5.166	530.080	500.000	6.0
Aroclor-1016-4	5.105	5.008	5.208	530.040	500.000	6.0
Aroclor-1016-5	5.279	5.181	5.381	532.360	500.000	6.5
Aroclor-1260-1	6.305	6.208	6.408	520.500	500.000	4.1
Aroclor-1260-2	6.489	6.393	6.593	512.590	500.000	2.5
Aroclor-1260-3	6.646	6.550	6.750	524.630	500.000	4.9
Aroclor-1260-4	6.819	6.724	6.924	535.880	500.000	7.2
Aroclor-1260-5	7.353	7.257	7.457	516.980	500.000	3.4
Decachlorobiphenyl	8.746	8.651	8.851	47.430	50.000	-5.1
Tetrachloro-m-xylene	3.746	3.645	3.845	53.190	50.000	6.4

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Continuing Calib Date: 04/27/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 21:46 Initial Calibration Time(s): 10:38 13:18

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Aroclor-1016-1 (1)	5.44	5.44	5.34	5.54	0.01
Aroclor-1016-2 (2)	5.79	5.80	5.70	5.90	0.01
Aroclor-1016-3 (3)	5.89	5.90	5.80	6.00	0.01
Aroclor-1016-4 (4)	6.18	6.19	6.09	6.29	0.01
Aroclor-1016-5 (5)	6.32	6.33	6.23	6.43	0.01
Aroclor-1260-1 (1)	7.31	7.31	7.21	7.41	0.01
Aroclor-1260-2 (2)	7.56	7.57	7.47	7.67	0.01
Aroclor-1260-3 (3)	7.85	7.85	7.75	7.95	0.00
Aroclor-1260-4 (4)	8.15	8.16	8.06	8.26	0.01
Aroclor-1260-5 (5)	8.48	8.49	8.39	8.59	0.01
Tetrachloro-m-xylene	4.53	4.53	4.43	4.63	0.00
Decachlorobiphenyl	10.33	10.35	10.25	10.45	0.02

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Continuing Calib Date: 04/27/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 21:46 Initial Calibration Time(s): 10:38 13:18

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Aroclor-1016-1 (1)	4.61	4.61	4.51	4.71	0.00
Aroclor-1016-2 (2)	5.03	5.03	4.93	5.13	0.00
Aroclor-1016-3 (3)	5.06	5.07	4.97	5.17	0.01
Aroclor-1016-4 (4)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-5 (5)	5.28	5.28	5.18	5.38	0.00
Aroclor-1260-1 (1)	6.31	6.31	6.21	6.41	0.01
Aroclor-1260-2 (2)	6.49	6.49	6.39	6.59	0.00
Aroclor-1260-3 (3)	6.65	6.65	6.55	6.75	0.00
Aroclor-1260-4 (4)	6.82	6.82	6.72	6.92	0.00
Aroclor-1260-5 (5)	7.35	7.36	7.26	7.46	0.01
Tetrachloro-m-xylene	3.75	3.75	3.65	3.85	0.00
Decachlorobiphenyl	8.75	8.75	8.65	8.85	0.01

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL03 Date Analyzed: 04/27/2016

Lab Sample No.: AR1660CCC500 Data File : PQ008059.D Time Analyzed: 21:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.435	5.342	5.542	573.050	500.000	14.6
Aroclor-1016-2	5.788	5.695	5.895	552.810	500.000	10.6
Aroclor-1016-3	5.888	5.796	5.996	565.190	500.000	13.0
Aroclor-1016-4	6.181	6.089	6.289	555.390	500.000	11.1
Aroclor-1016-5	6.323	6.232	6.432	556.400	500.000	11.3
Aroclor-1260-1	7.305	7.212	7.412	567.180	500.000	13.4
Aroclor-1260-2	7.561	7.469	7.669	560.020	500.000	12.0
Aroclor-1260-3	7.846	7.754	7.954	562.840	500.000	12.6
Aroclor-1260-4	8.148	8.057	8.257	566.700	500.000	13.3
Aroclor-1260-5	8.477	8.387	8.587	570.530	500.000	14.1
Decachlorobiphenyl	10.333	10.247	10.447	56.370	50.000	12.7
Tetrachloro-m-xylene	4.527	4.431	4.631	56.490	50.000	13.0

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL03 Date Analyzed: 04/27/2016

Lab Sample No.: AR1660CCC500 Data File : PQ008059.D Time Analyzed: 21:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.612	4.514	4.714	568.470	500.000	13.7
Aroclor-1016-2	5.026	4.928	5.128	536.220	500.000	7.2
Aroclor-1016-3	5.064	4.966	5.166	525.950	500.000	5.2
Aroclor-1016-4	5.106	5.008	5.208	527.610	500.000	5.5
Aroclor-1016-5	5.278	5.181	5.381	544.790	500.000	9.0
Aroclor-1260-1	6.305	6.208	6.408	520.160	500.000	4.0
Aroclor-1260-2	6.489	6.393	6.593	517.710	500.000	3.5
Aroclor-1260-3	6.646	6.550	6.750	526.210	500.000	5.2
Aroclor-1260-4	6.819	6.724	6.924	531.830	500.000	6.4
Aroclor-1260-5	7.353	7.257	7.457	519.160	500.000	3.8
Decachlorobiphenyl	8.745	8.651	8.851	48.260	50.000	-3.5
Tetrachloro-m-xylene	3.747	3.645	3.845	53.090	50.000	6.2

Analytical Sequence

Client: LaBella Associates P.C.

SDG No.: H2730

Project: 4185 Military Road, Niagara, NY

Instrument ID: ECD_Q

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 04/15/2016

04/15/2016

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	04/15/2016	10:24	PQ007809.D	10.35	4.53
AR1660ICC1000	AR1660ICC1000	04/15/2016	10:38	PQ007810.D	10.35	4.53
AR1660ICC750	AR1660ICC750	04/15/2016	10:53	PQ007811.D	10.35	4.53
AR1660ICC500	AR1660ICC500	04/15/2016	11:07	PQ007812.D	10.35	4.53
AR1660ICC250	AR1660ICC250	04/15/2016	11:22	PQ007813.D	10.35	4.53
AR1660ICC50	AR1660ICC50	04/15/2016	11:36	PQ007814.D	10.35	4.53
AR1221ICC500	AR1221ICC500	04/15/2016	11:51	PQ007815.D	10.35	4.53
AR1232ICC500	AR1232ICC500	04/15/2016	12:05	PQ007816.D	10.35	4.53
AR1242ICC500	AR1242ICC500	04/15/2016	12:20	PQ007817.D	10.35	4.53
AR1248ICC500	AR1248ICC500	04/15/2016	12:34	PQ007818.D	10.35	4.53
AR1254ICC500	AR1254ICC500	04/15/2016	12:49	PQ007819.D	10.35	4.53
AR1262ICC500	AR1262ICC500	04/15/2016	13:03	PQ007820.D	10.35	4.53
AR1268ICC500	AR1268ICC500	04/15/2016	13:18	PQ007821.D	10.35	4.53
IBLK	IBLK	04/27/2016	10:28	PQ008029.D	10.34	4.53
AR1660CCC500	AR1660CCC500	04/27/2016	11:44	PQ008030.D	10.36	4.53
PB90097BL	PB90097BL	04/27/2016	17:10	PQ008042.D	10.34	4.53
PB90097BS	PB90097BS	04/27/2016	17:24	PQ008043.D	10.34	4.53
IBLK	IBLK	04/27/2016	17:53	PQ008044.D	10.33	4.53
AR1660CCC500	AR1660CCC500	04/27/2016	18:08	PQ008045.D	10.34	4.53
RICHMOND-AMBOY-SB08(0.5-6.0)MS	H2707-06MS	04/27/2016	19:06	PQ008049.D	10.34	4.53
RICHMOND-AMBOY-SB08(0.5-6.0)MSD	H2707-06MSD	04/27/2016	19:20	PQ008050.D	10.34	4.53
STOCKPILE-1	H2730-01	04/27/2016	20:18	PQ008054.D	10.34	4.53
STOCKPILE-2	H2730-02	04/27/2016	20:33	PQ008055.D	10.34	4.53
IBLK	IBLK	04/27/2016	21:31	PQ008058.D	10.34	4.53
AR1660CCC500	AR1660CCC500	04/27/2016	21:46	PQ008059.D	10.33	4.53

Analytical Sequence

Client: LaBella Associates P.C.

SDG No.: H2730

Project: 4185 Military Road, Niagara, NY

Instrument ID: ECD_Q

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 04/15/2016

04/15/2016

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	04/15/2016	10:24	PQ007809.D	8.75	3.75
AR1660ICC1000	AR1660ICC1000	04/15/2016	10:38	PQ007810.D	8.75	3.75
AR1660ICC750	AR1660ICC750	04/15/2016	10:53	PQ007811.D	8.75	3.75
AR1660ICC500	AR1660ICC500	04/15/2016	11:07	PQ007812.D	8.75	3.75
AR1660ICC250	AR1660ICC250	04/15/2016	11:22	PQ007813.D	8.75	3.75
AR1660ICC50	AR1660ICC50	04/15/2016	11:36	PQ007814.D	8.75	3.75
AR1221ICC500	AR1221ICC500	04/15/2016	11:51	PQ007815.D	8.75	3.75
AR1232ICC500	AR1232ICC500	04/15/2016	12:05	PQ007816.D	8.75	3.75
AR1242ICC500	AR1242ICC500	04/15/2016	12:20	PQ007817.D	8.75	3.75
AR1248ICC500	AR1248ICC500	04/15/2016	12:34	PQ007818.D	8.75	3.75
AR1254ICC500	AR1254ICC500	04/15/2016	12:49	PQ007819.D	8.75	3.75
AR1262ICC500	AR1262ICC500	04/15/2016	13:03	PQ007820.D	8.75	3.75
AR1268ICC500	AR1268ICC500	04/15/2016	13:18	PQ007821.D	8.75	3.75
IBLK	IBLK	04/27/2016	10:28	PQ008029.D	8.75	3.75
AR1660CCC500	AR1660CCC500	04/27/2016	11:44	PQ008030.D	8.76	3.75
PB90097BL	PB90097BL	04/27/2016	17:10	PQ008042.D	8.75	3.75
PB90097BS	PB90097BS	04/27/2016	17:24	PQ008043.D	8.75	3.75
IBLK	IBLK	04/27/2016	17:53	PQ008044.D	8.75	3.75
AR1660CCC500	AR1660CCC500	04/27/2016	18:08	PQ008045.D	8.75	3.75
RICHMOND-AMBOY-SB08(0.5-6.0)MS	H2707-06MS	04/27/2016	19:06	PQ008049.D	8.75	3.75
RICHMOND-AMBOY-SB08(0.5-6.0)MSD	H2707-06MSD	04/27/2016	19:20	PQ008050.D	8.75	3.75
STOCKPILE-1	H2730-01	04/27/2016	20:18	PQ008054.D	8.75	3.75
STOCKPILE-2	H2730-02	04/27/2016	20:33	PQ008055.D	8.75	3.75
IBLK	IBLK	04/27/2016	21:31	PQ008058.D	8.75	3.75
AR1660CCC500	AR1660CCC500	04/27/2016	21:46	PQ008059.D	8.75	3.75

QC SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90097BL	SDG No.:	H2730
Lab Sample ID:	PB90097BL	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	0
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ008042.D	1	04/27/16 08:59	04/27/16 17:10	PB90097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	17	U	3.3	3.3	17	ug/kg
11104-28-2	Aroclor-1221	17	U	3.3	3.3	17	ug/kg
11141-16-5	Aroclor-1232	17	U	3.3	3.3	17	ug/kg
53469-21-9	Aroclor-1242	17	U	3.3	3.3	17	ug/kg
12672-29-6	Aroclor-1248	17	U	3.3	3.3	17	ug/kg
11097-69-1	Aroclor-1254	17	U	1.5	3.3	17	ug/kg
37324-23-5	Aroclor-1262	17	U	3.3	3.3	17	ug/kg
11100-14-4	Aroclor-1268	17	U	3.3	3.3	17	ug/kg
11096-82-5	Aroclor-1260	17	U	3.3	3.3	17	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.1		10 - 166		101%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.4		60 - 125		112%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/15/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/15/16
Client Sample ID:	PIBLK-PQ007809.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PQ007809.D	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ007809.D	1		04/15/16	pq041516

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
37324-23-5	Aroclor-1262	0.5	U	0.081	0.1	0.5	ug/L
11100-14-4	Aroclor-1268	0.5	U	0.081	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.2		35 - 137		101%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		40 - 135		105%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/27/16
Client Sample ID:	PIBLK-PQ008029.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PQ008029.D	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ008029.D	1		04/27/16	pq042716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
37324-23-5	Aroclor-1262	0.5	U	0.081	0.1	0.5	ug/L
11100-14-4	Aroclor-1268	0.5	U	0.081	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.6		35 - 137		118%	SPK: 20
2051-24-3	Decachlorobiphenyl	25		40 - 135		125%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/27/16
Client Sample ID:	PIBLK-PQ008044.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PQ008044.D	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ008044.D	1		04/27/16	pq042716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
37324-23-5	Aroclor-1262	0.5	U	0.081	0.1	0.5	ug/L
11100-14-4	Aroclor-1268	0.5	U	0.081	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.2		35 - 137		116%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.6		40 - 135		123%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/27/16
Client Sample ID:	PIBLK-PQ008058.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PQ008058.D	Matrix:	Water
Analytical Method:	SW8082A	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ008058.D	1		04/27/16	pq042716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.5	U	0.096	0.1	0.5	ug/L
11104-28-2	Aroclor-1221	0.5	U	0.1	0.1	0.5	ug/L
11141-16-5	Aroclor-1232	0.5	U	0.1	0.1	0.5	ug/L
53469-21-9	Aroclor-1242	0.5	U	0.089	0.1	0.5	ug/L
12672-29-6	Aroclor-1248	0.5	U	0.1	0.1	0.5	ug/L
11097-69-1	Aroclor-1254	0.5	U	0.044	0.1	0.5	ug/L
37324-23-5	Aroclor-1262	0.5	U	0.081	0.1	0.5	ug/L
11100-14-4	Aroclor-1268	0.5	U	0.081	0.1	0.5	ug/L
11096-82-5	Aroclor-1260	0.5	U	0.081	0.1	0.5	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.6		35 - 137		118%	SPK: 20
2051-24-3	Decachlorobiphenyl	25.8		40 - 135		129%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90097BS	SDG No.:	H2730
Lab Sample ID:	PB90097BS	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ008043.D	1	04/27/16 08:59	04/27/16 17:24	PB90097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	77.5		3.3	3.3	17	ug/kg
11104-28-2	Aroclor-1221	17	U	3.3	3.3	17	ug/kg
11141-16-5	Aroclor-1232	17	U	3.3	3.3	17	ug/kg
53469-21-9	Aroclor-1242	17	U	3.3	3.3	17	ug/kg
12672-29-6	Aroclor-1248	17	U	3.3	3.3	17	ug/kg
11097-69-1	Aroclor-1254	17	U	1.5	3.3	17	ug/kg
37324-23-5	Aroclor-1262	17	U	3.3	3.3	17	ug/kg
11100-14-4	Aroclor-1268	17	U	3.3	3.3	17	ug/kg
11096-82-5	Aroclor-1260	79.5		3.3	3.3	17	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.6		10 - 166		103%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.6		60 - 125		113%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/22/16
Client Sample ID:	RICHMOND-AMBOY-SB08(0.5-6.0)MS	SDG No.:	H2730
Lab Sample ID:	H2707-06MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	13.6
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ008049.D	1	04/27/16 08:59	04/27/16 19:06	PB90097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	150	P	3.9	3.9	19.7	ug/kg
11104-28-2	Aroclor-1221	19.7	U	3.9	3.9	19.7	ug/kg
11141-16-5	Aroclor-1232	19.7	U	3.9	3.9	19.7	ug/kg
53469-21-9	Aroclor-1242	19.7	U	3.9	3.9	19.7	ug/kg
12672-29-6	Aroclor-1248	19.7	U	3.9	3.9	19.7	ug/kg
11097-69-1	Aroclor-1254	19.7	U	1.7	3.9	19.7	ug/kg
37324-23-5	Aroclor-1262	19.7	U	3.9	3.9	19.7	ug/kg
11100-14-4	Aroclor-1268	19.7	U	3.9	3.9	19.7	ug/kg
11096-82-5	Aroclor-1260	120		3.9	3.9	19.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.8		10 - 166		104%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.9		60 - 125		100%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/22/16
Client Sample ID:	RICHMOND-AMBOY-SB08(0.5-6.0)MSD	SDG No.:	H2730
Lab Sample ID:	H2707-06MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Moisture:	13.6
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PQ008050.D	1	04/27/16 08:59	04/27/16 19:20	PB90097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	150	P	3.8	3.8	19.6	ug/kg
11104-28-2	Aroclor-1221	19.6	U	3.8	3.8	19.6	ug/kg
11141-16-5	Aroclor-1232	19.6	U	3.8	3.8	19.6	ug/kg
53469-21-9	Aroclor-1242	19.6	U	3.8	3.8	19.6	ug/kg
12672-29-6	Aroclor-1248	19.6	U	3.8	3.8	19.6	ug/kg
11097-69-1	Aroclor-1254	19.6	U	1.7	3.8	19.6	ug/kg
37324-23-5	Aroclor-1262	19.6	U	3.8	3.8	19.6	ug/kg
11100-14-4	Aroclor-1268	19.6	U	3.8	3.8	19.6	ug/kg
11096-82-5	Aroclor-1260	120		3.8	3.8	19.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.9		10 - 166		105%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.3		60 - 125		96%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	H2730	OrderDate:	4/26/2016 11:37:00 AM
Client:	LaBella Associates P.C.	Project:	4185 Military Road, Niagara, NY
Contact:	Adam Zebrowski	Location:	O23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2730-01	STOCKPILE-1	SOIL			04/22/16			04/25/16
			PCB	8082A		04/27/16	04/27/16	
			Pesticide-TCL	8081B		04/27/16	04/27/16	
H2730-02	STOCKPILE-2	SOIL			04/22/16			04/25/16
			PCB	8082A		04/27/16	04/27/16	
			Pesticide-TCL	8081B		04/27/16	04/27/16	

Hit Summary Sheet
SW-846

SDG No.: H2730		Order ID: H2730							
Client: LaBella Associates P.C.		Project ID: 4185 Military Road, Niagara, NY							
Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : STOCKPILE-2									
H2730-02	STOCKPILE-2	SOIL	4,4-DDE	6.50		0.254	0.4182	2.2	ug/kg
H2730-02	STOCKPILE-2	SOIL	4,4-DDD	2.20		0.215	0.4182	2.2	ug/kg
H2730-02	STOCKPILE-2	SOIL	4,4-DDT	2.90		0.177	0.4182	2.2	ug/kg
Total Concentration:				11.60					

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-1	SDG No.:	H2730
Lab Sample ID:	H2730-01	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	24.6
Sample Wt/Vol:	30.13	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033315.D	1	04/27/16 08:58	04/27/16 16:03	PB90137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2.2	U	0.172	0.436	2.2	ug/kg
319-85-7	beta-BHC	2.2	U	0.238	0.436	2.2	ug/kg
319-86-8	delta-BHC	2.2	U	0.132	0.436	2.2	ug/kg
58-89-9	gamma-BHC (Lindane)	2.2	U	0.198	0.436	2.2	ug/kg
76-44-8	Heptachlor	2.2	U	0.185	0.436	2.2	ug/kg
309-00-2	Aldrin	2.2	U	0.132	0.436	2.2	ug/kg
1024-57-3	Heptachlor epoxide	2.2	U	0.211	0.436	2.2	ug/kg
959-98-8	Endosulfan I	2.2	U	0.198	0.436	2.2	ug/kg
60-57-1	Dieldrin	2.2	U	0.172	0.436	2.2	ug/kg
72-55-9	4,4-DDE	2.2	U	0.264	0.436	2.2	ug/kg
72-20-8	Endrin	2.2	U	0.238	0.436	2.2	ug/kg
33213-65-9	Endosulfan II	2.2	U	0.185	0.436	2.2	ug/kg
72-54-8	4,4-DDD	2.2	U	0.224	0.436	2.2	ug/kg
1031-07-8	Endosulfan Sulfate	2.2	U	0.198	0.436	2.2	ug/kg
50-29-3	4,4-DDT	2.2	U	0.185	0.436	2.2	ug/kg
72-43-5	Methoxychlor	2.2	U	0.224	0.436	2.2	ug/kg
53494-70-5	Endrin ketone	2.2	U	0.172	0.436	2.2	ug/kg
7421-93-4	Endrin aldehyde	2.2	U	0.198	0.436	2.2	ug/kg
5103-71-9	alpha-Chlordane	2.2	U	0.185	0.436	2.2	ug/kg
5103-74-2	gamma-Chlordane	2.2	U	0.172	0.436	2.2	ug/kg
8001-35-2	Toxaphene	22.4	U	4.4	4.4	22.4	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	15.9		10 - 169		80%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.3		31 - 151		97%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-1	SDG No.:	H2730
Lab Sample ID:	H2730-01	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	24.6
Sample Wt/Vol:	30.13	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033315.D	1	04/27/16 08:58	04/27/16 16:03	PB90137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-2	SDG No.:	H2730
Lab Sample ID:	H2730-02	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	21.2
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033316.D	1	04/27/16 08:58	04/27/16 16:17	PB90137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	2.2	U	0.165	0.418	2.2	ug/kg
319-85-7	beta-BHC	2.2	U	0.228	0.418	2.2	ug/kg
319-86-8	delta-BHC	2.2	U	0.127	0.418	2.2	ug/kg
58-89-9	gamma-BHC (Lindane)	2.2	U	0.19	0.418	2.2	ug/kg
76-44-8	Heptachlor	2.2	U	0.177	0.418	2.2	ug/kg
309-00-2	Aldrin	2.2	U	0.127	0.418	2.2	ug/kg
1024-57-3	Heptachlor epoxide	2.2	U	0.203	0.418	2.2	ug/kg
959-98-8	Endosulfan I	2.2	U	0.19	0.418	2.2	ug/kg
60-57-1	Dieldrin	2.2	U	0.165	0.418	2.2	ug/kg
72-55-9	4,4-DDE	6.5		0.254	0.418	2.2	ug/kg
72-20-8	Endrin	2.2	U	0.228	0.418	2.2	ug/kg
33213-65-9	Endosulfan II	2.2	U	0.177	0.418	2.2	ug/kg
72-54-8	4,4-DDD	2.2		0.215	0.418	2.2	ug/kg
1031-07-8	Endosulfan Sulfate	2.2	U	0.19	0.418	2.2	ug/kg
50-29-3	4,4-DDT	2.9		0.177	0.418	2.2	ug/kg
72-43-5	Methoxychlor	2.2	U	0.215	0.418	2.2	ug/kg
53494-70-5	Endrin ketone	2.2	U	0.165	0.418	2.2	ug/kg
7421-93-4	Endrin aldehyde	2.2	U	0.19	0.418	2.2	ug/kg
5103-71-9	alpha-Chlordane	2.2	U	0.177	0.418	2.2	ug/kg
5103-74-2	gamma-Chlordane	2.2	U	0.165	0.418	2.2	ug/kg
8001-35-2	Toxaphene	21.5	U	4.2	4.2	21.5	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	14.9		10 - 169		74%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.5		31 - 151		87%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-2	SDG No.:	H2730
Lab Sample ID:	H2730-02	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	21.2
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033316.D	1	04/27/16 08:58	04/27/16 16:17	PB90137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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QC SUMMARY

Surrogate Summary

SDG No.: H2730

Client: LaBella Associates P.C.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PD032981.D	PIBLK-PD032981.D	Decachlorobiphenyl	1	20	21.41	107		10	192
		Tetrachloro-m-xylene	1	20	21.34	107		10	172
		Decachlorobiphenyl	2	20	20.44	102		10	192
		Tetrachloro-m-xylene	2	20	19.97	100		10	172
I.BLK-PD033305.D	PIBLK-PD033305.D	Decachlorobiphenyl	1	20	21.42	107		10	192
		Tetrachloro-m-xylene	1	20	21.47	107		10	172
		Decachlorobiphenyl	2	20	20.82	104		10	192
		Tetrachloro-m-xylene	2	20	21.33	107		10	172
H2730-01	STOCKPILE-1	Decachlorobiphenyl	1	20	15.93	80		10	169
		Tetrachloro-m-xylene	1	20	19.31	97		31	151
		Decachlorobiphenyl	2	20	13.3	67		10	169
		Tetrachloro-m-xylene	2	20	19.78	99		31	151
H2730-02	STOCKPILE-2	Decachlorobiphenyl	1	20	14.87	74		10	169
		Tetrachloro-m-xylene	1	20	17.49	87		31	151
		Decachlorobiphenyl	2	20	12.26	61		10	169
		Tetrachloro-m-xylene	2	20	17.97	90		31	151
I.BLK-PD033318.D	PIBLK-PD033318.D	Decachlorobiphenyl	1	20	21.46	107		10	192
		Tetrachloro-m-xylene	1	20	21.99	110		10	172
		Decachlorobiphenyl	2	20	18.87	94		10	192
		Tetrachloro-m-xylene	2	20	22.16	111		10	172
I.BLK-PL017266.D	PIBLK-PL017266.D	Decachlorobiphenyl	1	20	18.87	94		10	192
		Tetrachloro-m-xylene	1	20	16.54	83		10	172
		Decachlorobiphenyl	2	20	19.61	98		10	192
		Tetrachloro-m-xylene	2	20	18.57	93		10	172
I.BLK-PL017544.D	PIBLK-PL017544.D	Decachlorobiphenyl	1	20	19.26	96		10	192
		Tetrachloro-m-xylene	1	20	17.91	90		10	172
		Decachlorobiphenyl	2	20	21.22	106		10	192
		Tetrachloro-m-xylene	2	20	20.9	104		10	172
PB90137BL	PB90137BL	Decachlorobiphenyl	1	20	17.16	86		10	169
		Tetrachloro-m-xylene	1	20	14.06	70		31	151
		Decachlorobiphenyl	2	20	18.05	90		10	169
		Tetrachloro-m-xylene	2	20	16.88	84		31	151
PB90137BS	PB90137BS	Decachlorobiphenyl	1	20	19.61	98		10	169
		Tetrachloro-m-xylene	1	20	16.47	82		31	151
		Decachlorobiphenyl	2	20	19.99	100		10	169
		Tetrachloro-m-xylene	2	20	18.51	93		31	151
H2724-05MS	TH-B3(0-5)-CMS	Decachlorobiphenyl	1	20	20.03	100		10	169
		Tetrachloro-m-xylene	1	20	19.24	96		31	151
		Decachlorobiphenyl	2	20	20.96	105		10	169
		Tetrachloro-m-xylene	2	20	20.62	103		31	151
H2724-05MSD	TH-B3(0-5)-CMSD	Decachlorobiphenyl	1	20	20.07	100		10	169
		Tetrachloro-m-xylene	1	20	19.44	97		31	151
		Decachlorobiphenyl	2	20	20.72	104		10	169

Surrogate Summary

SDG No.: H2730

Client: LaBella Associates P.C.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
H2724-05MSD	TH-B3(0-5)-CMSD	Tetrachloro-m-xylene	2	20	20.73	104		31	151
I.BLK-PL017555.D	PIBLK-PL017555.D	Decachlorobiphenyl	1	20	18.95	95		10	192
		Tetrachloro-m-xylene	1	20	18.22	91		10	172
		Decachlorobiphenyl	2	20	20.37	102		10	192
		Tetrachloro-m-xylene	2	20	21.02	105		10	172

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: H2730

Client: LaBella Associates P.C.

Analytical Method: 8081B

DataFile : PL017549.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: H2724-05MS	TH-B3(0-5)-CMS											
	alpha-BHC	16.7	0	19.1	ug/kg	114				16	147	
	beta-BHC	16.7	0	19.8	ug/kg	119				25	146	
	delta-BHC	16.7	0	17.7	ug/kg	106				11	146	
	gamma-BHC (Lindane)	16.7	0	18.6	ug/kg	111				21	147	
	Heptachlor	16.7	0	18.5	ug/kg	111				23	143	
	Aldrin	16.7	0	17.6	ug/kg	105				11	152	
	Heptachlor epoxide	16.7	0	17.5	ug/kg	105				22	147	
	Endosulfan I	16.7	0	17.3	ug/kg	104				10	164	
	Dieldrin	16.7	1.6	18.1	ug/kg	99				10	162	
	4,4'-DDE	16.7	5.1	20.7	ug/kg	93				10	174	
	Endrin	16.7	0	17.6	ug/kg	105				10	171	
	Endosulfan II	16.7	0	16.9	ug/kg	101				11	146	
	4,4'-DDD	16.7	0	18.9	ug/kg	113				10	150	
	Endosulfan sulfate	16.7	0	16.7	ug/kg	100				10	152	
	4,4'-DDT	16.7	4.9	20.6	ug/kg	94				10	192	
	Methoxychlor	16.7	0	21.5	ug/kg	129				10	200	
	Endrin ketone	16.7	0	17.8	ug/kg	107				12	145	
	Endrin aldehyde	16.7	0	16.8	ug/kg	101				10	146	
	alpha-Chlordane	16.7	0	17.4	ug/kg	104				10	157	
	gamma-Chlordane	16.7	0	17.1	ug/kg	102				10	161	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: H2730

Client: LaBella Associates P.C.

Analytical Method: 8081B

DataFile : PL017550.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: H2724-05MSD	TH-B3(0-5)-CMSD											
	alpha-BHC	16.7	0	19.3	ug/kg	116		2		16	147	20
	beta-BHC	16.7	0	18.6	ug/kg	111		7		25	146	20
	delta-BHC	16.7	0	17.8	ug/kg	107		1		11	146	20
	gamma-BHC (Lindane)	16.7	0	18.6	ug/kg	111		0		21	147	20
	Heptachlor	16.7	0	18.4	ug/kg	110		1		23	143	20
	Aldrin	16.7	0	17.6	ug/kg	105		0		11	152	20
	Heptachlor epoxide	16.7	0	17.9	ug/kg	107		2		22	147	20
	Endosulfan I	16.7	0	17.3	ug/kg	104		0		10	164	20
	Dieldrin	16.7	1.6	18.1	ug/kg	99		0		10	162	20
	4,4'-DDE	16.7	5.1	20.5	ug/kg	92		1		10	174	20
	Endrin	16.7	0	17.5	ug/kg	105		0		10	171	20
	Endosulfan II	16.7	0	16.3	ug/kg	98		3		11	146	20
	4,4'-DDD	16.7	0	19.3	ug/kg	116		3		10	150	20
	Endosulfan sulfate	16.7	0	16.6	ug/kg	99		1		10	152	20
	4,4'-DDT	16.7	4.9	20.8	ug/kg	95		1		10	192	20
	Methoxychlor	16.7	0	21.8	ug/kg	131		2		10	200	20
	Endrin ketone	16.7	0	18	ug/kg	108		1		12	145	20
	Endrin aldehyde	16.7	0	15.7	ug/kg	94		7		10	146	20
	alpha-Chlordane	16.7	0	17.4	ug/kg	104		0		10	157	20
	gamma-Chlordane	16.7	0	17.3	ug/kg	104		2		10	161	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: H2730

Client: LaBella Associates P.C.

Analytical Method: 8081B

Datafile : PL017548.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB90137BS	alpha-BHC	16.7	16.7	ug/kg	100				84	123		
	beta-BHC	16.7	16.6	ug/kg	99				82	123		
	delta-BHC	16.7	15.8	ug/kg	95				83	126		
	gamma-BHC (Lindane)	16.7	16.9	ug/kg	101				83	125		
	Heptachlor	16.7	18.7	ug/kg	112				83	122		
	Aldrin	16.7	16.8	ug/kg	101				82	124		
	Heptachlor epoxide	16.7	17	ug/kg	102				83	120		
	Endosulfan I	16.7	16.7	ug/kg	100				81	124		
	Dieldrin	16.7	16.6	ug/kg	99				85	121		
	4,4'-DDE	16.7	17	ug/kg	102				81	123		
	Endrin	16.7	16.2	ug/kg	97				76	130		
	Endosulfan II	16.7	16.2	ug/kg	97				80	125		
	4,4'-DDD	16.7	17.5	ug/kg	105				80	131		
	Endosulfan sulfate	16.7	16	ug/kg	96				81	122		
	4,4'-DDT	16.7	16.8	ug/kg	101				70	129		
	Methoxychlor	16.7	19.1	ug/kg	114				78	129		
	Endrin ketone	16.7	17.8	ug/kg	107				77	132		
	Endrin aldehyde	16.7	16.6	ug/kg	99				79	124		
	alpha-Chlordane	16.7	16.6	ug/kg	99				84	120		
	gamma-Chlordane	16.7	16.6	ug/kg	99				83	122		

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB90137BL

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2730

SAS No.: H2730 SDG NO.: H2730

Lab Sample ID: PB90137BL

Lab File ID: PL017547.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 04/27/2016

Date Analyzed (1): 04/28/2016

Date Analyzed (2): 04/28/2016

Time Analyzed (1): 10:10

Time Analyzed (2): 10:10

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
STOCKPILE-1	H2730-01	PD033315.D	04/27/2016	04/27/2016
STOCKPILE-2	H2730-02	PD033316.D	04/27/2016	04/27/2016
PB90137BS	PB90137BS	PL017548.D	04/28/2016	04/28/2016
TH-B3 (0-5) -CMS	H2724-05MS	PL017549.D	04/28/2016	04/28/2016
TH-B3 (0-5) -CMSD	H2724-05MSD	PL017550.D	04/28/2016	04/28/2016

COMMENTS: _____

QC SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90137BL	SDG No.:	H2730
Lab Sample ID:	PB90137BL	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	0 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017547.D	1	04/27/16 08:58	04/28/16 10:10	PB90137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	1.7	U	0.13	0.33	1.7	ug/kg
319-85-7	beta-BHC	1.7	U	0.18	0.33	1.7	ug/kg
319-86-8	delta-BHC	1.7	U	0.1	0.33	1.7	ug/kg
58-89-9	gamma-BHC (Lindane)	1.7	U	0.15	0.33	1.7	ug/kg
76-44-8	Heptachlor	1.7	U	0.14	0.33	1.7	ug/kg
309-00-2	Aldrin	1.7	U	0.1	0.33	1.7	ug/kg
1024-57-3	Heptachlor epoxide	1.7	U	0.16	0.33	1.7	ug/kg
959-98-8	Endosulfan I	1.7	U	0.15	0.33	1.7	ug/kg
60-57-1	Dieldrin	1.7	U	0.13	0.33	1.7	ug/kg
72-55-9	4,4-DDE	1.7	U	0.2	0.33	1.7	ug/kg
72-20-8	Endrin	1.7	U	0.18	0.33	1.7	ug/kg
33213-65-9	Endosulfan II	1.7	U	0.14	0.33	1.7	ug/kg
72-54-8	4,4-DDD	1.7	U	0.17	0.33	1.7	ug/kg
1031-07-8	Endosulfan Sulfate	1.7	U	0.15	0.33	1.7	ug/kg
50-29-3	4,4-DDT	1.7	U	0.14	0.33	1.7	ug/kg
72-43-5	Methoxychlor	1.7	U	0.17	0.33	1.7	ug/kg
53494-70-5	Endrin ketone	1.7	U	0.13	0.33	1.7	ug/kg
7421-93-4	Endrin aldehyde	1.7	U	0.15	0.33	1.7	ug/kg
5103-71-9	alpha-Chlordane	1.7	U	0.14	0.33	1.7	ug/kg
5103-74-2	gamma-Chlordane	1.7	U	0.13	0.33	1.7	ug/kg
8001-35-2	Toxaphene	17	U	3.3	3.3	17	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	17.2		10 - 169		86%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.1		31 - 151		70%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90137BL	SDG No.:	H2730
Lab Sample ID:	PB90137BL	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	0 Decanted:
Sample Wt/Vol:	30.01 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017547.D	1	04/27/16 08:58	04/28/16 10:10	PB90137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/12/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/12/16
Client Sample ID:	PIBLK-PD032981.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PD032981.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD032981.D	1		04/12/16	PD041216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.4		10 - 192		107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.3		10 - 172		107%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/12/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/12/16
Client Sample ID:	PIBLK-PD032981.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PD032981.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
PH :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD032981.D	1		04/12/16	PD041216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/27/16
Client Sample ID:	PIBLK-PD033305.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PD033305.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033305.D	1		04/27/16	PD042716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.4		10 - 192		107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.5		10 - 172		107%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/27/16
Client Sample ID:	PIBLK-PD033305.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PD033305.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033305.D	1		04/27/16	PD042716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/27/16
Client Sample ID:	PIBLK-PD033318.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PD033318.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033318.D	1		04/27/16	PD042716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.5		10 - 192		107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22		10 - 172		110%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/27/16
Client Sample ID:	PIBLK-PD033318.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PD033318.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033318.D	1		04/27/16	PD042716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/15/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/15/16
Client Sample ID:	PIBLK-PL017266.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PL017266.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017266.D	1		04/15/16	PL041616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.9		10 - 192		94%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.5		10 - 172		83%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/15/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/15/16
Client Sample ID:	PIBLK-PL017266.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PL017266.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017266.D	1		04/15/16	PL041616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/28/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/28/16
Client Sample ID:	PIBLK-PL017544.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PL017544.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017544.D	1		04/28/16	PL042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	19.3		10 - 192		96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.9		10 - 172		90%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/28/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/28/16
Client Sample ID:	PIBLK-PL017544.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PL017544.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017544.D	1		04/28/16	PL042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/28/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/28/16
Client Sample ID:	PIBLK-PL017555.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PL017555.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017555.D	1		04/28/16	PL042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	19		10 - 192		95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.2		10 - 172		91%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/28/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/28/16
Client Sample ID:	PIBLK-PL017555.D	SDG No.:	H2730
Lab Sample ID:	I.BLK-PL017555.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017555.D	1		04/28/16	PL042816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90137BS	SDG No.:	H2730
Lab Sample ID:	PB90137BS	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	0 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017548.D	1	04/27/16 08:58	04/28/16 10:24	PB90137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	16.7		0.13	0.33	1.7	ug/kg
319-85-7	beta-BHC	16.6		0.18	0.33	1.7	ug/kg
319-86-8	delta-BHC	15.8		0.0999	0.33	1.7	ug/kg
58-89-9	gamma-BHC (Lindane)	16.9		0.15	0.33	1.7	ug/kg
76-44-8	Heptachlor	18.7		0.14	0.33	1.7	ug/kg
309-00-2	Aldrin	16.8		0.0999	0.33	1.7	ug/kg
1024-57-3	Heptachlor epoxide	17		0.16	0.33	1.7	ug/kg
959-98-8	Endosulfan I	16.7		0.15	0.33	1.7	ug/kg
60-57-1	Dieldrin	16.6		0.13	0.33	1.7	ug/kg
72-55-9	4,4-DDE	17		0.2	0.33	1.7	ug/kg
72-20-8	Endrin	16.2		0.18	0.33	1.7	ug/kg
33213-65-9	Endosulfan II	16.2		0.14	0.33	1.7	ug/kg
72-54-8	4,4-DDD	17.5		0.17	0.33	1.7	ug/kg
1031-07-8	Endosulfan Sulfate	16		0.15	0.33	1.7	ug/kg
50-29-3	4,4-DDT	16.8		0.14	0.33	1.7	ug/kg
72-43-5	Methoxychlor	19.1		0.17	0.33	1.7	ug/kg
53494-70-5	Endrin ketone	17.8		0.13	0.33	1.7	ug/kg
7421-93-4	Endrin aldehyde	16.6		0.15	0.33	1.7	ug/kg
5103-71-9	alpha-Chlordane	16.6		0.14	0.33	1.7	ug/kg
5103-74-2	gamma-Chlordane	16.6		0.13	0.33	1.7	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	19.6		10 - 169		98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.5		31 - 151		82%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90137BS	SDG No.:	H2730
Lab Sample ID:	PB90137BS	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	0 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017548.D	1	04/27/16 08:58	04/28/16 10:24	PB90137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/25/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TH-B3(0-5)-CMS	SDG No.:	H2730
Lab Sample ID:	H2724-05MS	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	0.5
Sample Wt/Vol:	30.08 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017549.D	1	04/27/16 08:58	04/28/16 10:38	PB90137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	19.1		0.13	0.331	1.7	ug/kg
319-85-7	beta-BHC	19.8		0.18	0.331	1.7	ug/kg
319-86-8	delta-BHC	17.7		0.1	0.331	1.7	ug/kg
58-89-9	gamma-BHC (Lindane)	18.6		0.15	0.331	1.7	ug/kg
76-44-8	Heptachlor	18.5		0.14	0.331	1.7	ug/kg
309-00-2	Aldrin	17.6		0.1	0.331	1.7	ug/kg
1024-57-3	Heptachlor epoxide	17.5		0.16	0.331	1.7	ug/kg
959-98-8	Endosulfan I	17.3		0.15	0.331	1.7	ug/kg
60-57-1	Dieldrin	18.1		0.13	0.331	1.7	ug/kg
72-55-9	4,4-DDE	20.7		0.2	0.331	1.7	ug/kg
72-20-8	Endrin	17.6		0.18	0.331	1.7	ug/kg
33213-65-9	Endosulfan II	16.9		0.14	0.331	1.7	ug/kg
72-54-8	4,4-DDD	18.9		0.17	0.331	1.7	ug/kg
1031-07-8	Endosulfan Sulfate	16.7		0.15	0.331	1.7	ug/kg
50-29-3	4,4-DDT	20.6		0.14	0.331	1.7	ug/kg
72-43-5	Methoxychlor	21.5		0.17	0.331	1.7	ug/kg
53494-70-5	Endrin ketone	17.8		0.13	0.331	1.7	ug/kg
7421-93-4	Endrin aldehyde	16.8		0.15	0.331	1.7	ug/kg
5103-71-9	alpha-Chlordane	17.4		0.14	0.331	1.7	ug/kg
5103-74-2	gamma-Chlordane	17.1		0.13	0.331	1.7	ug/kg
8001-35-2	Toxaphene	17	U	3.3	3.3	17	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20		10 - 169		100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.2		31 - 151		96%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/25/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TH-B3(0-5)-CMS	SDG No.:	H2730
Lab Sample ID:	H2724-05MS	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	0.5
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017549.D	1	04/27/16 08:58	04/28/16 10:38	PB90137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/25/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TH-B3(0-5)-CMSD	SDG No.:	H2730
Lab Sample ID:	H2724-05MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	0.5
Sample Wt/Vol:	30.11 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017550.D	1	04/27/16 08:58	04/28/16 10:52	PB90137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	19.3		0.13	0.33	1.7	ug/kg
319-85-7	beta-BHC	18.6		0.18	0.33	1.7	ug/kg
319-86-8	delta-BHC	17.8		0.1	0.33	1.7	ug/kg
58-89-9	gamma-BHC (Lindane)	18.6		0.15	0.33	1.7	ug/kg
76-44-8	Heptachlor	18.4		0.14	0.33	1.7	ug/kg
309-00-2	Aldrin	17.6		0.1	0.33	1.7	ug/kg
1024-57-3	Heptachlor epoxide	17.9		0.16	0.33	1.7	ug/kg
959-98-8	Endosulfan I	17.3		0.15	0.33	1.7	ug/kg
60-57-1	Dieldrin	18.1		0.13	0.33	1.7	ug/kg
72-55-9	4,4-DDE	20.5		0.2	0.33	1.7	ug/kg
72-20-8	Endrin	17.5		0.18	0.33	1.7	ug/kg
33213-65-9	Endosulfan II	16.3		0.14	0.33	1.7	ug/kg
72-54-8	4,4-DDD	19.3		0.17	0.33	1.7	ug/kg
1031-07-8	Endosulfan Sulfate	16.6		0.15	0.33	1.7	ug/kg
50-29-3	4,4-DDT	20.8		0.14	0.33	1.7	ug/kg
72-43-5	Methoxychlor	21.8		0.17	0.33	1.7	ug/kg
53494-70-5	Endrin ketone	18		0.13	0.33	1.7	ug/kg
7421-93-4	Endrin aldehyde	15.7		0.15	0.33	1.7	ug/kg
5103-71-9	alpha-Chlordane	17.4		0.14	0.33	1.7	ug/kg
5103-74-2	gamma-Chlordane	17.3		0.13	0.33	1.7	ug/kg
8001-35-2	Toxaphene	17	U	3.3	3.3	17	ug/kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.1		10 - 169		100%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.4		31 - 151		97%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/25/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	TH-B3(0-5)-CMSD	SDG No.:	H2730
Lab Sample ID:	H2724-05MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Moisture:	0.5
Sample Wt/Vol:	30.11 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL017550.D	1	04/27/16 08:58	04/28/16 10:52	PB90137

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_D Calibration Date(s): 04/12/2016 04/12/2016

Calibration Times: 13:32 14:27

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD032984.D RT 075 = PD032985.D

RT 050 = PD032986.D RT 025 = PD032987.D RT 005 = PD032988.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	6.87	6.87	6.87	6.87	6.87	6.87	6.77	6.97
4,4'-DDE	6.38	6.38	6.37	6.38	6.38	6.37	6.27	6.47
4,4'-DDT	7.17	7.17	7.17	7.17	7.17	7.17	7.07	7.27
Aldrin	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
alpha-BHC	4.40	4.40	4.40	4.40	4.40	4.40	4.30	4.50
alpha-Chlordane	6.21	6.22	6.21	6.21	6.21	6.21	6.11	6.31
beta-BHC	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Decachlorobiphenyl	9.14	9.14	9.14	9.14	9.14	9.14	9.04	9.24
delta-BHC	5.09	5.09	5.09	5.09	5.09	5.09	4.99	5.19
Dieldrin	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Endosulfan I	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Endosulfan II	6.96	6.96	6.96	6.96	6.96	6.96	6.86	7.06
Endosulfan sulfate	7.32	7.32	7.31	7.32	7.32	7.31	7.21	7.41
Endrin	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Endrin aldehyde	7.09	7.09	7.09	7.09	7.09	7.09	6.99	7.19
Endrin ketone	7.79	7.79	7.79	7.79	7.79	7.79	7.69	7.89
gamma-BHC (Lindane)	4.69	4.69	4.69	4.69	4.69	4.69	4.59	4.79
gamma-Chlordane	6.14	6.14	6.14	6.14	6.14	6.14	6.04	6.24
Heptachlor	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Heptachlor epoxide	5.91	5.91	5.91	5.91	5.91	5.91	5.81	6.01
Methoxychlor	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Tetrachloro-m-xylene	4.00	4.00	4.00	4.00	4.00	4.00	3.90	4.10

RETENTION TIMES OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_D Calibration Date(s): 04/12/2016 04/12/2016

Calibration Times: 13:32 14:27

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD032984.D RT 075 = PD032985.D

RT 050 = PD032986.D RT 025 = PD032987.D RT 005 = PD032988.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aldrin	4.50	4.50	4.50	4.50	4.50	4.50	4.40	4.60
alpha-BHC	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
alpha-Chlordane	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
beta-BHC	4.24	4.24	4.24	4.24	4.24	4.24	4.14	4.34
Decachlorobiphenyl	7.91	7.91	7.91	7.91	7.91	7.91	7.81	8.01
delta-BHC	4.43	4.43	4.43	4.43	4.43	4.43	4.33	4.53
Dieldrin	5.50	5.50	5.50	5.50	5.50	5.50	5.40	5.60
Endosulfan I	5.26	5.26	5.26	5.26	5.26	5.26	5.16	5.36
Endosulfan II	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
Endosulfan sulfate	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Endrin	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Endrin aldehyde	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
Endrin ketone	6.88	6.88	6.88	6.89	6.88	6.88	6.78	6.98
gamma-BHC (Lindane)	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
gamma-Chlordane	5.15	5.15	5.15	5.15	5.15	5.15	5.05	5.25
Heptachlor	4.27	4.27	4.27	4.27	4.27	4.27	4.17	4.37
Heptachlor epoxide	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Methoxychlor	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Tetrachloro-m-xylene	3.29	3.29	3.29	3.29	3.29	3.29	3.19	3.39

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_D Calibration Date(s): 04/12/2016 04/12/2016

Calibration Times: 13:32 14:27

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PD032984.D</u>	CF 075 =	<u>PD032985.D</u>		
CF 050 =		<u>PD032986.D</u>	CF 025 =	<u>PD032987.D</u>	CF 005 =	<u>PD032988.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	726808000	736305000	743482000	785703000	886506000	775761000	8
4,4'-DDE	853028000	859205000	860043000	905984000	980783000	891809000	6
4,4'-DDT	778974000	786257000	787676000	818252000	830029000	800238000	3
Aldrin	976867000	954841000	976506000	1013360000	1087150000	1001750000	5
alpha-BHC	1216150000	1206230000	1187170000	1195450000	1193120000	1199620000	1
alpha-Chlordane	863247000	886951000	903007000	970657000	1203080000	965388000	14
beta-BHC	456178000	468035000	481278000	527915000	639802000	514642000	15
Decachlorobiphenyl	671308000	691643000	708955000	763642000	857336000	738577000	10
delta-BHC	1074310000	1070870000	1051700000	1072030000	1064400000	1066660000	1
Dieldrin	942858000	949124000	953293000	996615000	1078760000	984131000	6
Endosulfan I	832196000	848770000	862554000	926446000	1124410000	918875000	13
Endosulfan II	798869000	808549000	812757000	845698000	857831000	824741000	3
Endosulfan sulfate	724255000	741146000	754591000	806709000	924790000	790298000	10
Endrin	851018000	857276000	862659000	913501000	1055430000	907978000	9
Endrin aldehyde	668431000	682474000	696821000	758014000	911748000	743498000	13
Endrin ketone	885338000	897423000	900416000	952462000	1033690000	933866000	7
gamma-BHC (Lindane)	1108660000	1106400000	1092470000	1113620000	1151510000	1114530000	2
gamma-Chlordane	881049000	895846000	900791000	944190000	996325000	923640000	5
Heptachlor	1072020000	1073000000	1076180000	1119920000	1214100000	1111040000	5
Heptachlor epoxide	850613000	860712000	864271000	898583000	878527000	870541000	2
Methoxychlor	427750000	440961000	450096000	488777000	536560000	468829000	9
Tetrachloro-m-xylene	779162000	787901000	787940000	827160000	890796000	814592000	6

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_D Calibration Date(s): 04/12/2016 04/12/2016

Calibration Times: 13:32 14:27

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PD032984.D</u>	CF 075 =	<u>PD032985.D</u>		
CF 050 =		<u>PD032986.D</u>	CF 025 =	<u>PD032987.D</u>	CF 005 =	<u>PD032988.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4297250000	4354190000	4307050000	4383140000	4309810000	4330290000	1
4,4'-DDE	5001340000	5056570000	4992330000	5086670000	4987820000	5024950000	1
4,4'-DDT	4649830000	4673540000	4606090000	4630370000	4443290000	4600620000	2
Aldrin	5464290000	5499240000	5456910000	5528700000	5326940000	5455220000	1
alpha-BHC	6610170000	6603060000	6462520000	6442010000	5960580000	6415670000	4
alpha-Chlordane	5034550000	5082750000	5060440000	5223720000	5227210000	5125730000	2
beta-BHC	2315480000	2374540000	2387510000	2444140000	2530040000	2410340000	3
Decachlorobiphenyl	4910610000	5001530000	5072930000	5328940000	5604260000	5183650000	5
delta-BHC	6142220000	6166910000	6058730000	6078650000	5966390000	6082580000	1
Dieldrin	5509990000	5562640000	5497960000	5606540000	5694600000	5574350000	1
Endosulfan I	4748010000	4805300000	4793120000	4931390000	4948350000	4845230000	2
Endosulfan II	4780430000	4847340000	4823830000	4972260000	5012220000	4887220000	2
Endosulfan sulfate	4403090000	4467970000	4471290000	4632390000	4745240000	4544000000	3
Endrin	5128720000	5175520000	5123110000	5216200000	5226010000	5173910000	1
Endrin aldehyde	3965550000	4038000000	4038480000	4217100000	4474890000	4146810000	5
Endrin ketone	5379380000	5444050000	5461770000	5608890000	5680450000	5514910000	2
gamma-BHC (Lindane)	6069700000	6135680000	6144030000	6431790000	7884710000	6533180000	12
gamma-Chlordane	5255540000	5300210000	5282630000	5451400000	5541600000	5366280000	2
Heptachlor	5834550000	5891000000	5855590000	5937760000	5903630000	5884510000	1
Heptachlor epoxide	5109570000	5171420000	5161510000	5300200000	5300650000	5208670000	2
Methoxychlor	2411640000	2451080000	2487090000	2543950000	2596330000	2498020000	3
Tetrachloro-m-xylene	4062050000	4099960000	4055560000	4148740000	4078670000	4089000000	1

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_D Date(s) Analyzed: 04/12/2016 04/12/2016

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.62	6.52	6.72	7935180
		2	6.97	6.87	7.07	11565900
		3	7.13	7.03	7.23	5614540
		4	7.21	7.11	7.31	33975500
		5	7.39	7.29	7.49	10454200

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_D Date(s) Analyzed: 04/12/2016 04/12/2016

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.09	5.99	6.19	40057500
		2	6.16	6.06	6.26	28041100
		3	6.19	6.09	6.29	16402600
		4	6.51	6.41	6.61	14610400
		5	6.60	6.50	6.70	19258500

RETENTION TIMES OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_L Calibration Date(s): 04/15/2016 04/15/2016

Calibration Times: 17:14 18:10

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL017269.D RT 075 = PL017270.D

RT 050 = PL017271.D RT 025 = PL017272.D RT 005 = PL017273.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
4,4'-DDE	6.09	6.09	6.09	6.08	6.09	6.09	5.99	6.19
4,4'-DDT	6.86	6.86	6.86	6.86	6.86	6.86	6.76	6.96
Aldrin	5.24	5.24	5.24	5.24	5.24	5.24	5.14	5.34
alpha-BHC	4.17	4.17	4.17	4.17	4.17	4.17	4.07	4.27
alpha-Chlordane	5.92	5.92	5.92	5.92	5.92	5.92	5.82	6.02
beta-BHC	4.62	4.62	4.62	4.62	4.62	4.62	4.52	4.72
Decachlorobiphenyl	8.75	8.75	8.75	8.75	8.75	8.75	8.65	8.85
delta-BHC	4.83	4.83	4.83	4.83	4.83	4.83	4.73	4.93
Dieldrin	6.22	6.22	6.22	6.22	6.22	6.22	6.12	6.32
Endosulfan I	5.97	5.97	5.97	5.97	5.97	5.97	5.87	6.07
Endosulfan II	6.64	6.64	6.64	6.64	6.64	6.64	6.54	6.74
Endosulfan sulfate	6.99	6.99	6.99	6.99	6.99	6.99	6.89	7.09
Endrin	6.43	6.43	6.43	6.43	6.43	6.43	6.33	6.53
Endrin aldehyde	6.77	6.77	6.77	6.77	6.77	6.77	6.67	6.87
Endrin ketone	7.45	7.45	7.45	7.45	7.45	7.45	7.35	7.55
gamma-BHC (Lindane)	4.45	4.45	4.45	4.45	4.44	4.45	4.35	4.55
gamma-Chlordane	5.85	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Heptachlor	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Heptachlor epoxide	5.62	5.62	5.62	5.62	5.62	5.62	5.52	5.72
Methoxychlor	7.33	7.33	7.33	7.33	7.33	7.33	7.23	7.43
Tetrachloro-m-xylene	3.79	3.79	3.79	3.79	3.79	3.79	3.69	3.89

RETENTION TIMES OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_L Calibration Date(s): 04/15/2016 04/15/2016

Calibration Times: 17:14 18:10

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PL017269.D RT 075 = PL017270.D

RT 050 = PL017271.D RT 025 = PL017272.D RT 005 = PL017273.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	5.49	5.49	5.49	5.49	5.49	5.49	5.39	5.59
4,4'-DDE	5.01	5.01	5.01	5.01	5.01	5.01	4.91	5.11
4,4'-DDT	5.72	5.71	5.72	5.72	5.72	5.71	5.61	5.81
Aldrin	4.16	4.16	4.16	4.16	4.16	4.16	4.06	4.26
alpha-BHC	3.44	3.44	3.44	3.44	3.44	3.44	3.34	3.54
alpha-Chlordane	4.84	4.84	4.84	4.83	4.83	4.83	4.73	4.93
beta-BHC	3.94	3.94	3.94	3.94	3.94	3.94	3.84	4.04
Decachlorobiphenyl	7.47	7.47	7.47	7.47	7.47	7.47	7.37	7.57
delta-BHC	4.11	4.11	4.11	4.11	4.11	4.11	4.01	4.21
Dieldrin	5.11	5.11	5.11	5.11	5.11	5.11	5.01	5.21
Endosulfan I	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Endosulfan II	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Endosulfan sulfate	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Endrin	5.35	5.34	5.34	5.34	5.35	5.34	5.24	5.44
Endrin aldehyde	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Endrin ketone	6.44	6.44	6.44	6.44	6.44	6.44	6.34	6.54
gamma-BHC (Lindane)	3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
gamma-Chlordane	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Heptachlor	3.94	3.94	3.94	3.94	3.94	3.94	3.84	4.04
Heptachlor epoxide	4.57	4.57	4.57	4.57	4.57	4.57	4.47	4.67
Methoxychlor	6.26	6.26	6.26	6.26	6.26	6.26	6.16	6.36
Tetrachloro-m-xylene	3.02	3.02	3.02	3.02	3.02	3.02	2.92	3.12

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_L Calibration Date(s): 04/15/2016 04/15/2016

Calibration Times: 17:14 18:10

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PL017269.D</u>	CF 075 =	<u>PL017270.D</u>		
CF 050 =		<u>PL017271.D</u>	CF 025 =	<u>PL017272.D</u>	CF 005 =	<u>PL017273.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1842860000	1787480000	1723340000	1503380000	1734050000	1718220000	8
4,4'-DDE	2925830000	2843500000	2738780000	2346950000	2878370000	2746690000	9
4,4'-DDT	2773650000	2693680000	2585920000	2324220000	2580520000	2591600000	7
Aldrin	3987470000	3859740000	3690450000	3130620000	2986320000	3530920000	13
alpha-BHC	4425080000	4219990000	3921120000	3227950000	2852150000	3729260000	18
alpha-Chlordane	3568430000	3526780000	3489110000	3197620000	3230460000	3402480000	5
beta-BHC	1855560000	1850090000	1870890000	1764500000	1726810000	1813570000	4
Decachlorobiphenyl	3954270000	4040620000	4069160000	4050500000	4622970000	4147500000	7
delta-BHC	3550130000	3384330000	3166850000	2674970000	2402160000	3035690000	16
Dieldrin	3845410000	3864470000	3538770000	3165770000	3140960000	3511070000	10
Endosulfan I	4186190000	4150550000	4088560000	3664330000	3745770000	3967080000	6
Endosulfan II	3424850000	3432420000	3336600000	3099070000	3386220000	3335830000	4
Endosulfan sulfate	2987900000	2979570000	2875140000	2772980000	3064900000	2936100000	4
Endrin	3263650000	3253320000	3165120000	2738800000	2872210000	3058620000	8
Endrin aldehyde	2742120000	2778950000	2746490000	2655920000	3096750000	2804050000	6
Endrin ketone	3047600000	2995340000	2817330000	2594500000	2678460000	2826650000	7
gamma-BHC (Lindane)	4023720000	3859300000	3675290000	3114750000	2661450000	3466900000	16
gamma-Chlordane	3778760000	3735470000	3687530000	3346130000	3434460000	3596470000	5
Heptachlor	4501820000	4436250000	4360110000	4007850000	4461010000	4353410000	5
Heptachlor epoxide	3912110000	3878780000	3867150000	3476650000	3470750000	3721090000	6
Methoxychlor	1091240000	1060330000	1055180000	1009470000	1087010000	1060650000	3
Tetrachloro-m-xylene	3365160000	3377180000	3328460000	3091990000	3361730000	3304900000	4

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_L Calibration Date(s): 04/15/2016 04/15/2016

Calibration Times: 17:14 18:10

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		CF 100 = <u>PL017269.D</u>	CF 075 = <u>PL017270.D</u>				
CF 050 = <u>PL017271.D</u>	CF 025 = <u>PL017272.D</u>	CF 005 = <u>PL017273.D</u>					
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	1042750000	1076100000	1104120000	1124080000	1271510000	1123710000	8
4,4'-DDE	1227160000	1249180000	1310500000	1352100000	1518320000	1331450000	9
4,4'-DDT	1186500000	1215850000	1257920000	1261360000	1369130000	1258150000	6
Aldrin	1392700000	1426620000	1477840000	1511650000	1625600000	1486880000	6
alpha-BHC	1578510000	1598140000	1622240000	1620260000	1762310000	1636290000	4
alpha-Chlordane	1270170000	1304400000	1367270000	1419300000	1586190000	1389460000	9
beta-BHC	523953000	466358000	489870000	417175000	592669000	498005000	13
Decachlorobiphenyl	999336000	1034610000	1086520000	1157990000	1387280000	1133150000	14
delta-BHC	1449030000	1477970000	1503270000	1527310000	1632420000	1518000000	5
Dieldrin	1366070000	1400560000	1454410000	1490290000	1652530000	1472770000	8
Endosulfan I	1187410000	1229180000	1284650000	1339250000	1480380000	1304170000	9
Endosulfan II	1230430000	1274450000	1318420000	1363510000	1564930000	1350350000	10
Endosulfan sulfate	1089140000	1142130000	1160680000	1254890000	1493750000	1228120000	13
Endrin	1327640000	1353210000	1420060000	1442800000	1631100000	1434960000	8
Endrin aldehyde	1061020000	1113470000	1144640000	1166670000	1297580000	1156680000	8
Endrin ketone	1300890000	1348730000	1398630000	1467990000	1750990000	1453450000	12
gamma-BHC (Lindane)	1481700000	1501470000	1533660000	1545340000	1632920000	1539020000	4
gamma-Chlordane	1311070000	1345050000	1402320000	1450520000	1603820000	1422560000	8
Heptachlor	1256350000	1237590000	1695120000	1267910000	1565920000	1404580000	15
Heptachlor epoxide	1263460000	1299380000	1355680000	1399500000	1521300000	1367860000	7
Methoxychlor	552800000	565317000	591946000	618737000	674631000	600686000	8
Tetrachloro-m-xylene	1025620000	1047060000	1077570000	1104520000	1262360000	1103420000	9

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_L Date(s) Analyzed: 04/15/2016 04/15/2016

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.31	6.21	6.41	10198300
		2	6.70	6.60	6.80	20199900
		3	6.89	6.79	6.99	70517500
		4	6.98	6.88	7.08	68102200
		5	7.06	6.96	7.16	16530900

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Instrument ID: ECD_L Date(s) Analyzed: 04/15/2016 04/15/2016

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	5.22	5.12	5.32	9002640
		2	5.92	5.82	6.02	7001260
		3	6.08	5.98	6.18	7444350
		4	6.22	6.12	6.32	33130200
		5	6.62	6.52	6.72	30618100

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Continuing Calib Date: 04/27/2016 Initial Calibration Date(s): 04/12/2016 04/12/2016

Continuing Calib Time: 11:22 Initial Calibration Time(s): 13:32 14:27

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.15	9.14	9.04	9.24	-0.01
Tetrachloro-m-xylene	4.01	4.00	3.90	4.10	-0.01
alpha-BHC	4.41	4.40	4.30	4.50	-0.01
beta-BHC	4.88	4.87	4.77	4.97	-0.01
delta-BHC	5.10	5.09	4.99	5.19	-0.01
gamma-BHC (Lindane)	4.70	4.69	4.59	4.79	-0.01
Heptachlor	5.21	5.20	5.10	5.30	-0.01
Aldrin	5.52	5.51	5.41	5.61	-0.01
Heptachlor epoxide	5.91	5.91	5.81	6.01	0.00
Endosulfan I	6.27	6.27	6.17	6.37	0.00
Dieldrin	6.54	6.53	6.43	6.63	0.00
4,4'-DDE	6.38	6.37	6.27	6.47	-0.01
Endrin	6.76	6.75	6.65	6.85	-0.01
Endosulfan II	6.97	6.96	6.86	7.06	-0.01
4,4'-DDD	6.88	6.87	6.77	6.97	-0.01
Endosulfan sulfate	7.32	7.31	7.21	7.41	-0.01
4,4'-DDT	7.18	7.17	7.07	7.27	-0.01
Methoxychlor	7.65	7.64	7.54	7.74	0.00
Endrin ketone	7.80	7.79	7.69	7.89	-0.01
Endrin aldehyde	7.10	7.09	6.99	7.19	-0.01
alpha-Chlordane	6.22	6.21	6.11	6.31	-0.01
gamma-Chlordane	6.15	6.14	6.04	6.24	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Continuing Calib Date: 04/27/2016 Initial Calibration Date(s): 04/12/2016 04/12/2016

Continuing Calib Time: 11:22 Initial Calibration Time(s): 13:32 14:27

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.91	7.91	7.81	8.01	0.00
Tetrachloro-m-xylene	3.29	3.29	3.19	3.39	0.00
alpha-BHC	3.72	3.72	3.62	3.82	0.00
beta-BHC	4.24	4.24	4.14	4.34	0.00
delta-BHC	4.43	4.43	4.33	4.53	0.00
gamma-BHC (Lindane)	3.99	3.99	3.89	4.09	0.00
Heptachlor	4.26	4.27	4.17	4.37	0.01
Aldrin	4.50	4.50	4.40	4.60	0.00
Heptachlor epoxide	4.93	4.93	4.83	5.03	0.00
Endosulfan I	5.26	5.26	5.16	5.36	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.01
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
Endrin	5.75	5.75	5.65	5.85	0.00
Endosulfan II	6.02	6.02	5.92	6.12	0.00
4,4'-DDD	5.88	5.88	5.78	5.98	0.00
Endosulfan sulfate	6.40	6.40	6.30	6.50	0.00
4,4'-DDT	6.11	6.11	6.01	6.21	0.00
Methoxychlor	6.66	6.66	6.56	6.76	0.00
Endrin ketone	6.88	6.88	6.78	6.98	0.00
Endrin aldehyde	6.19	6.19	6.09	6.29	0.00
alpha-Chlordane	5.21	5.21	5.11	5.31	0.00
gamma-Chlordane	5.15	5.15	5.05	5.25	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No.: CCAL01 Date Analyzed: 04/27/2016

Lab Sample No.: PSTDCCC050 Data File : PD033307.D Time Analyzed: 11:22

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.881	6.773	6.973	51.670	50.000	3.3
4,4'-DDE	6.383	6.274	6.474	50.650	50.000	1.3
4,4'-DDT	7.181	7.073	7.273	46.310	50.000	-7.4
Aldrin	5.519	5.411	5.611	52.700	50.000	5.4
alpha-BHC	4.409	4.303	4.503	51.590	50.000	3.2
alpha-Chlordane	6.220	6.114	6.314	51.030	50.000	2.1
beta-BHC	4.880	4.773	4.973	50.550	50.000	1.1
Decachlorobiphenyl	9.150	9.040	9.240	45.280	50.000	-9.4
delta-BHC	5.098	4.992	5.192	52.030	50.000	4.1
Dieldrin	6.535	6.426	6.626	49.140	50.000	-1.7
Endosulfan I	6.274	6.166	6.366	48.480	50.000	-3.0
Endosulfan II	6.970	6.864	7.064	51.910	50.000	3.8
Endosulfan sulfate	7.323	7.214	7.414	48.800	50.000	-2.4
Endrin	6.755	6.648	6.848	45.950	50.000	-8.1
Endrin aldehyde	7.097	6.989	7.189	47.480	50.000	-5.0
Endrin ketone	7.799	7.691	7.891	49.950	50.000	-0.1
gamma-BHC (Lindane)	4.699	4.593	4.793	50.620	50.000	1.2
gamma-Chlordane	6.148	6.042	6.242	52.480	50.000	5.0
Heptachlor	5.210	5.102	5.302	49.400	50.000	-1.2
Heptachlor epoxide	5.913	5.805	6.005	56.270	50.000	12.5
Methoxychlor	7.645	7.537	7.737	44.810	50.000	-10.4
Tetrachloro-m-xylene	4.007	3.903	4.103	46.660	50.000	-6.7

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No.: CCAL01 Date Analyzed: 04/27/2016

Lab Sample No.: PSTDCCC050 Data File : PD033307.D Time Analyzed: 11:22

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.877	5.779	5.979	55.540	50.000	11.1
4,4'-DDE	5.368	5.271	5.471	53.890	50.000	7.8
4,4'-DDT	6.109	6.011	6.211	48.680	50.000	-2.6
Aldrin	4.499	4.402	4.602	54.660	50.000	9.3
alpha-BHC	3.716	3.618	3.818	54.390	50.000	8.8
alpha-Chlordane	5.206	5.107	5.307	54.200	50.000	8.4
beta-BHC	4.235	4.138	4.338	55.820	50.000	11.6
Decachlorobiphenyl	7.910	7.810	8.010	47.260	50.000	-5.5
delta-BHC	4.427	4.330	4.530	52.760	50.000	5.5
Dieldrin	5.495	5.398	5.598	52.870	50.000	5.7
Endosulfan I	5.258	5.160	5.360	55.110	50.000	10.2
Endosulfan II	6.021	5.922	6.122	52.820	50.000	5.6
Endosulfan sulfate	6.397	6.299	6.499	51.770	50.000	3.5
Endrin	5.749	5.651	5.851	49.190	50.000	-1.6
Endrin aldehyde	6.189	6.091	6.291	50.830	50.000	1.7
Endrin ketone	6.882	6.784	6.984	52.450	50.000	4.9
gamma-BHC (Lindane)	3.988	3.891	4.091	48.970	50.000	-2.1
gamma-Chlordane	5.148	5.050	5.250	53.730	50.000	7.5
Heptachlor	4.264	4.166	4.366	52.370	50.000	4.7
Heptachlor epoxide	4.932	4.834	5.034	54.100	50.000	8.2
Methoxychlor	6.657	6.558	6.758	46.560	50.000	-6.9
Tetrachloro-m-xylene	3.290	3.193	3.393	47.340	50.000	-5.3

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Continuing Calib Date: 04/27/2016 Initial Calibration Date(s): 04/12/2016 04/12/2016

Continuing Calib Time: 16:59 Initial Calibration Time(s): 13:32 14:27

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.14	9.14	9.04	9.24	0.00
Tetrachloro-m-xylene	4.00	4.00	3.90	4.10	0.00
alpha-BHC	4.40	4.40	4.30	4.50	0.00
beta-BHC	4.87	4.87	4.77	4.97	0.00
delta-BHC	5.09	5.09	4.99	5.19	0.00
gamma-BHC (Lindane)	4.69	4.69	4.59	4.79	0.00
Heptachlor	5.20	5.20	5.10	5.30	0.00
Aldrin	5.51	5.51	5.41	5.61	0.00
Heptachlor epoxide	5.91	5.91	5.81	6.01	0.00
Endosulfan I	6.27	6.27	6.17	6.37	0.00
Dieldrin	6.53	6.53	6.43	6.63	0.00
4,4'-DDE	6.38	6.37	6.27	6.47	-0.01
Endrin	6.75	6.75	6.65	6.85	0.00
Endosulfan II	6.96	6.96	6.86	7.06	0.00
4,4'-DDD	6.87	6.87	6.77	6.97	0.00
Endosulfan sulfate	7.31	7.31	7.21	7.41	0.00
4,4'-DDT	7.17	7.17	7.07	7.27	0.00
Methoxychlor	7.64	7.64	7.54	7.74	0.00
Endrin ketone	7.79	7.79	7.69	7.89	0.00
Endrin aldehyde	7.09	7.09	6.99	7.19	0.00
alpha-Chlordane	6.21	6.21	6.11	6.31	0.00
gamma-Chlordane	6.14	6.14	6.04	6.24	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Continuing Calib Date: 04/27/2016 Initial Calibration Date(s): 04/12/2016 04/12/2016

Continuing Calib Time: 16:59 Initial Calibration Time(s): 13:32 14:27

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.91	7.91	7.81	8.01	0.00
Tetrachloro-m-xylene	3.29	3.29	3.19	3.39	0.00
alpha-BHC	3.72	3.72	3.62	3.82	0.00
beta-BHC	4.23	4.24	4.14	4.34	0.01
delta-BHC	4.43	4.43	4.33	4.53	0.00
gamma-BHC (Lindane)	3.99	3.99	3.89	4.09	0.00
Heptachlor	4.26	4.27	4.17	4.37	0.01
Aldrin	4.50	4.50	4.40	4.60	0.00
Heptachlor epoxide	4.93	4.93	4.83	5.03	0.00
Endosulfan I	5.26	5.26	5.16	5.36	0.00
Dieldrin	5.49	5.50	5.40	5.60	0.01
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
Endrin	5.75	5.75	5.65	5.85	0.00
Endosulfan II	6.02	6.02	5.92	6.12	0.00
4,4'-DDD	5.88	5.88	5.78	5.98	0.00
Endosulfan sulfate	6.40	6.40	6.30	6.50	0.00
4,4'-DDT	6.11	6.11	6.01	6.21	0.00
Methoxychlor	6.66	6.66	6.56	6.76	0.00
Endrin ketone	6.88	6.88	6.78	6.98	0.00
Endrin aldehyde	6.19	6.19	6.09	6.29	0.00
alpha-Chlordane	5.20	5.21	5.11	5.31	0.01
gamma-Chlordane	5.15	5.15	5.05	5.25	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No.: CCAL02 Date Analyzed: 04/27/2016

Lab Sample No.: PSTDCCC050 Data File : PD033319.D Time Analyzed: 16:59

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.874	6.773	6.973	50.570	50.000	1.1
4,4'-DDE	6.375	6.274	6.474	49.670	50.000	-0.7
4,4'-DDT	7.173	7.073	7.273	44.150	50.000	-11.7
Aldrin	5.511	5.411	5.611	51.190	50.000	2.4
alpha-BHC	4.402	4.303	4.503	51.500	50.000	3.0
alpha-Chlordane	6.214	6.114	6.314	48.070	50.000	-3.9
beta-BHC	4.873	4.773	4.973	47.460	50.000	-5.1
Decachlorobiphenyl	9.140	9.040	9.240	47.520	50.000	-5.0
delta-BHC	5.092	4.992	5.192	50.780	50.000	1.6
Dieldrin	6.527	6.426	6.626	49.230	50.000	-1.5
Endosulfan I	6.267	6.166	6.366	47.900	50.000	-4.2
Endosulfan II	6.964	6.864	7.064	49.150	50.000	-1.7
Endosulfan sulfate	7.314	7.214	7.414	47.260	50.000	-5.5
Endrin	6.748	6.648	6.848	45.070	50.000	-9.9
Endrin aldehyde	7.089	6.989	7.189	46.950	50.000	-6.1
Endrin ketone	7.791	7.691	7.891	48.870	50.000	-2.3
gamma-BHC (Lindane)	4.693	4.593	4.793	50.640	50.000	1.3
gamma-Chlordane	6.142	6.042	6.242	50.380	50.000	0.8
Heptachlor	5.203	5.102	5.302	49.300	50.000	-1.4
Heptachlor epoxide	5.905	5.805	6.005	54.950	50.000	9.9
Methoxychlor	7.637	7.537	7.737	42.150	50.000	-15.7
Tetrachloro-m-xylene	4.002	3.903	4.103	50.400	50.000	0.8

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No.: CCAL02 Date Analyzed: 04/27/2016

Lab Sample No.: PSTDCCC050 Data File : PD033319.D Time Analyzed: 16:59

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.876	5.779	5.979	53.260	50.000	6.5
4,4'-DDE	5.367	5.271	5.471	52.330	50.000	4.7
4,4'-DDT	6.108	6.011	6.211	45.600	50.000	-8.8
Aldrin	4.499	4.402	4.602	52.700	50.000	5.4
alpha-BHC	3.716	3.618	3.818	52.670	50.000	5.3
alpha-Chlordane	5.204	5.107	5.307	51.210	50.000	2.4
beta-BHC	4.234	4.138	4.338	52.670	50.000	5.3
Decachlorobiphenyl	7.907	7.810	8.010	44.650	50.000	-10.7
delta-BHC	4.427	4.330	4.530	51.090	50.000	2.2
Dieldrin	5.494	5.398	5.598	51.650	50.000	3.3
Endosulfan I	5.258	5.160	5.360	51.100	50.000	2.2
Endosulfan II	6.020	5.922	6.122	49.880	50.000	-0.2
Endosulfan sulfate	6.396	6.299	6.499	49.060	50.000	-1.9
Endrin	5.748	5.651	5.851	47.880	50.000	-4.2
Endrin aldehyde	6.187	6.091	6.291	49.550	50.000	-0.9
Endrin ketone	6.881	6.784	6.984	49.150	50.000	-1.7
gamma-BHC (Lindane)	3.988	3.891	4.091	49.730	50.000	-0.5
gamma-Chlordane	5.147	5.050	5.250	51.080	50.000	2.2
Heptachlor	4.263	4.166	4.366	52.140	50.000	4.3
Heptachlor epoxide	4.931	4.834	5.034	51.790	50.000	3.6
Methoxychlor	6.655	6.558	6.758	42.810	50.000	-14.4
Tetrachloro-m-xylene	3.291	3.193	3.393	50.720	50.000	1.4

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Continuing Calib Date: 04/28/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 09:54 Initial Calibration Time(s): 17:14 18:10

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.74	8.75	8.65	8.85	0.01
Tetrachloro-m-xylene	3.79	3.79	3.69	3.89	0.00
alpha-BHC	4.17	4.17	4.07	4.27	0.00
beta-BHC	4.62	4.62	4.52	4.72	0.00
delta-BHC	4.83	4.83	4.73	4.93	0.00
gamma-BHC (Lindane)	4.45	4.45	4.35	4.55	0.00
Heptachlor	4.94	4.94	4.84	5.04	0.00
Aldrin	5.24	5.24	5.14	5.34	0.00
Heptachlor epoxide	5.62	5.62	5.52	5.72	0.00
Endosulfan I	5.96	5.97	5.87	6.07	0.01
Dieldrin	6.22	6.22	6.12	6.32	0.00
4,4'-DDE	6.08	6.09	5.99	6.19	0.01
Endrin	6.43	6.43	6.33	6.53	0.00
Endosulfan II	6.64	6.64	6.54	6.74	0.00
4,4'-DDD	6.57	6.57	6.47	6.67	0.00
Endosulfan sulfate	6.99	6.99	6.89	7.09	0.00
4,4'-DDT	6.86	6.86	6.76	6.96	0.00
Methoxychlor	7.33	7.33	7.23	7.43	0.00
Endrin ketone	7.45	7.45	7.35	7.55	0.00
Endrin aldehyde	6.77	6.77	6.67	6.87	0.01
alpha-Chlordane	5.92	5.92	5.82	6.02	0.00
gamma-Chlordane	5.85	5.85	5.75	5.95	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Continuing Calib Date: 04/28/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 09:54 Initial Calibration Time(s): 17:14 18:10

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.47	7.47	7.37	7.57	0.00
Tetrachloro-m-xylene	3.02	3.02	2.92	3.12	0.00
alpha-BHC	3.44	3.44	3.34	3.54	0.01
beta-BHC	3.93	3.94	3.84	4.04	0.01
delta-BHC	4.11	4.11	4.01	4.21	0.00
gamma-BHC (Lindane)	3.69	3.69	3.59	3.79	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Aldrin	4.16	4.16	4.06	4.26	0.00
Heptachlor epoxide	4.57	4.57	4.47	4.67	0.00
Endosulfan I	4.88	4.88	4.78	4.98	0.00
Dieldrin	5.10	5.11	5.01	5.21	0.01
4,4'-DDE	5.00	5.01	4.91	5.11	0.01
Endrin	5.34	5.34	5.24	5.44	0.00
Endosulfan II	5.61	5.61	5.51	5.71	0.00
4,4'-DDD	5.49	5.49	5.39	5.59	0.00
Endosulfan sulfate	5.98	5.98	5.88	6.08	0.00
4,4'-DDT	5.71	5.72	5.62	5.82	0.01
Methoxychlor	6.26	6.26	6.16	6.36	0.00
Endrin ketone	6.44	6.44	6.34	6.54	0.00
Endrin aldehyde	5.78	5.78	5.68	5.88	0.00
alpha-Chlordane	4.83	4.84	4.74	4.94	0.01
gamma-Chlordane	4.78	4.78	4.68	4.88	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL03 Date Analyzed: 04/28/2016

Lab Sample No.: PSTDCCC050 Data File : PL017546.D Time Analyzed: 09:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.568	6.469	6.669	50.270	50.000	0.5
4,4'-DDE	6.084	5.985	6.185	47.860	50.000	-4.3
4,4'-DDT	6.863	6.763	6.963	48.470	50.000	-3.1
Aldrin	5.235	5.136	5.336	50.000	50.000	0.0
alpha-BHC	4.168	4.069	4.269	51.920	50.000	3.8
alpha-Chlordane	5.919	5.821	6.021	49.300	50.000	-1.4
beta-BHC	4.619	4.519	4.719	49.240	50.000	-1.5
Decachlorobiphenyl	8.744	8.645	8.845	51.050	50.000	2.1
delta-BHC	4.826	4.727	4.927	51.390	50.000	2.8
Dieldrin	6.218	6.119	6.319	47.750	50.000	-4.5
Endosulfan I	5.964	5.865	6.065	48.080	50.000	-3.8
Endosulfan II	6.642	6.543	6.743	47.600	50.000	-4.8
Endosulfan sulfate	6.987	6.888	7.088	48.620	50.000	-2.8
Endrin	6.431	6.332	6.532	46.790	50.000	-6.4
Endrin aldehyde	6.765	6.666	6.866	47.850	50.000	-4.3
Endrin ketone	7.447	7.348	7.548	51.930	50.000	3.9
gamma-BHC (Lindane)	4.445	4.345	4.545	51.930	50.000	3.9
gamma-Chlordane	5.848	5.749	5.949	48.930	50.000	-2.1
Heptachlor	4.939	4.840	5.040	49.450	50.000	-1.1
Heptachlor epoxide	5.617	5.518	5.718	49.810	50.000	-0.4
Methoxychlor	7.326	7.227	7.427	56.280	50.000	12.6
Tetrachloro-m-xylene	3.790	3.691	3.891	49.710	50.000	-0.6

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL03 Date Analyzed: 04/28/2016

Lab Sample No.: PSTDCCC050 Data File : PL017546.D Time Analyzed: 09:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.492	5.393	5.593	51.310	50.000	2.6
4,4'-DDE	5.004	4.906	5.106	50.570	50.000	1.1
4,4'-DDT	5.713	5.615	5.815	50.280	50.000	0.6
Aldrin	4.160	4.061	4.261	49.240	50.000	-1.5
alpha-BHC	3.435	3.336	3.536	50.720	50.000	1.4
alpha-Chlordane	4.833	4.735	4.935	49.780	50.000	-0.4
beta-BHC	3.934	3.836	4.036	44.030	50.000	-11.9
Decachlorobiphenyl	7.469	7.371	7.571	49.270	50.000	-1.5
delta-BHC	4.106	4.007	4.207	49.650	50.000	-0.7
Dieldrin	5.104	5.006	5.206	49.960	50.000	-0.1
Endosulfan I	4.877	4.779	4.979	49.870	50.000	-0.3
Endosulfan II	5.609	5.510	5.710	48.900	50.000	-2.2
Endosulfan sulfate	5.977	5.879	6.079	48.860	50.000	-2.3
Endrin	5.343	5.244	5.444	48.950	50.000	-2.1
Endrin aldehyde	5.775	5.676	5.876	49.130	50.000	-1.7
Endrin ketone	6.437	6.339	6.539	48.720	50.000	-2.6
gamma-BHC (Lindane)	3.691	3.592	3.792	50.850	50.000	1.7
gamma-Chlordane	4.779	4.681	4.881	50.100	50.000	0.2
Heptachlor	3.943	3.844	4.044	58.180	50.000	16.4
Heptachlor epoxide	4.572	4.473	4.673	50.970	50.000	1.9
Methoxychlor	6.256	6.158	6.358	52.710	50.000	5.4
Tetrachloro-m-xylene	3.023	2.924	3.124	50.430	50.000	0.9

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Continuing Calib Date: 04/28/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 12:16 Initial Calibration Time(s): 17:14 18:10

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	8.75	8.75	8.65	8.85	0.01
Tetrachloro-m-xylene	3.79	3.79	3.69	3.89	0.00
alpha-BHC	4.17	4.17	4.07	4.27	0.00
beta-BHC	4.62	4.62	4.52	4.72	0.00
delta-BHC	4.83	4.83	4.73	4.93	0.00
gamma-BHC (Lindane)	4.45	4.45	4.35	4.55	0.00
Heptachlor	4.94	4.94	4.84	5.04	0.00
Aldrin	5.24	5.24	5.14	5.34	0.00
Heptachlor epoxide	5.62	5.62	5.52	5.72	0.00
Endosulfan I	5.96	5.97	5.87	6.07	0.01
Dieldrin	6.22	6.22	6.12	6.32	0.00
4,4'-DDE	6.08	6.09	5.99	6.19	0.01
Endrin	6.43	6.43	6.33	6.53	0.00
Endosulfan II	6.64	6.64	6.54	6.74	0.00
4,4'-DDD	6.57	6.57	6.47	6.67	0.00
Endosulfan sulfate	6.99	6.99	6.89	7.09	0.00
4,4'-DDT	6.86	6.86	6.76	6.96	0.00
Methoxychlor	7.33	7.33	7.23	7.43	0.00
Endrin ketone	7.45	7.45	7.35	7.55	0.00
Endrin aldehyde	6.77	6.77	6.67	6.87	0.00
alpha-Chlordane	5.92	5.92	5.82	6.02	0.00
gamma-Chlordane	5.85	5.85	5.75	5.95	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

Continuing Calib Date: 04/28/2016 Initial Calibration Date(s): 04/15/2016 04/15/2016

Continuing Calib Time: 12:16 Initial Calibration Time(s): 17:14 18:10

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.47	7.47	7.37	7.57	0.00
Tetrachloro-m-xylene	3.02	3.02	2.92	3.12	0.00
alpha-BHC	3.44	3.44	3.34	3.54	0.01
beta-BHC	3.94	3.94	3.84	4.04	0.01
delta-BHC	4.11	4.11	4.01	4.21	0.00
gamma-BHC (Lindane)	3.69	3.69	3.59	3.79	0.00
Heptachlor	3.94	3.94	3.84	4.04	0.00
Aldrin	4.16	4.16	4.06	4.26	0.00
Heptachlor epoxide	4.57	4.57	4.47	4.67	0.00
Endosulfan I	4.88	4.88	4.78	4.98	0.00
Dieldrin	5.10	5.11	5.01	5.21	0.01
4,4'-DDE	5.00	5.01	4.91	5.11	0.01
Endrin	5.34	5.34	5.24	5.44	0.00
Endosulfan II	5.61	5.61	5.51	5.71	0.00
4,4'-DDD	5.49	5.49	5.39	5.59	0.00
Endosulfan sulfate	5.98	5.98	5.88	6.08	0.00
4,4'-DDT	5.71	5.72	5.62	5.82	0.01
Methoxychlor	6.26	6.26	6.16	6.36	0.00
Endrin ketone	6.44	6.44	6.34	6.54	0.00
Endrin aldehyde	5.78	5.78	5.68	5.88	0.00
alpha-Chlordane	4.83	4.84	4.74	4.94	0.01
gamma-Chlordane	4.78	4.78	4.68	4.88	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL04 Date Analyzed: 04/28/2016

Lab Sample No.: PSTDCCC050 Data File : PL017556.D Time Analyzed: 12:16

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.568	6.469	6.669	55.940	50.000	11.9
4,4'-DDE	6.084	5.985	6.185	52.120	50.000	4.2
4,4'-DDT	6.863	6.763	6.963	50.850	50.000	1.7
Aldrin	5.236	5.136	5.336	52.010	50.000	4.0
alpha-BHC	4.168	4.069	4.269	54.860	50.000	9.7
alpha-Chlordane	5.920	5.821	6.021	50.840	50.000	1.7
beta-BHC	4.619	4.519	4.719	50.630	50.000	1.3
Decachlorobiphenyl	8.745	8.645	8.845	50.890	50.000	1.8
delta-BHC	4.826	4.727	4.927	54.070	50.000	8.1
Dieldrin	6.219	6.119	6.319	50.580	50.000	1.2
Endosulfan I	5.964	5.865	6.065	50.180	50.000	0.4
Endosulfan II	6.642	6.543	6.743	48.470	50.000	-3.1
Endosulfan sulfate	6.988	6.888	7.088	49.580	50.000	-0.8
Endrin	6.432	6.332	6.532	49.330	50.000	-1.3
Endrin aldehyde	6.766	6.666	6.866	48.600	50.000	-2.8
Endrin ketone	7.448	7.348	7.548	53.110	50.000	6.2
gamma-BHC (Lindane)	4.445	4.345	4.545	54.390	50.000	8.8
gamma-Chlordane	5.849	5.749	5.949	50.650	50.000	1.3
Heptachlor	4.940	4.840	5.040	53.300	50.000	6.6
Heptachlor epoxide	5.617	5.518	5.718	52.060	50.000	4.1
Methoxychlor	7.326	7.227	7.427	61.360	50.000	22.7
Tetrachloro-m-xylene	3.790	3.691	3.891	52.040	50.000	4.1

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No.: CCAL04 Date Analyzed: 04/28/2016

Lab Sample No.: PSTDCCC050 Data File : PL017556.D Time Analyzed: 12:16

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.492	5.393	5.593	54.290	50.000	8.6
4,4'-DDE	5.004	4.906	5.106	53.490	50.000	7.0
4,4'-DDT	5.713	5.615	5.815	51.990	50.000	4.0
Aldrin	4.160	4.061	4.261	52.420	50.000	4.8
alpha-BHC	3.435	3.336	3.536	52.570	50.000	5.1
alpha-Chlordane	4.833	4.735	4.935	51.400	50.000	2.8
beta-BHC	3.935	3.836	4.036	54.500	50.000	9.0
Decachlorobiphenyl	7.469	7.371	7.571	49.250	50.000	-1.5
delta-BHC	4.106	4.007	4.207	52.690	50.000	5.4
Dieldrin	5.104	5.006	5.206	51.670	50.000	3.3
Endosulfan I	4.877	4.779	4.979	51.600	50.000	3.2
Endosulfan II	5.609	5.510	5.710	49.630	50.000	-0.7
Endosulfan sulfate	5.978	5.879	6.079	50.090	50.000	0.2
Endrin	5.343	5.244	5.444	51.080	50.000	2.2
Endrin aldehyde	5.775	5.676	5.876	47.420	50.000	-5.2
Endrin ketone	6.438	6.339	6.539	50.060	50.000	0.1
gamma-BHC (Lindane)	3.691	3.592	3.792	52.600	50.000	5.2
gamma-Chlordane	4.780	4.681	4.881	51.760	50.000	3.5
Heptachlor	3.943	3.844	4.044	54.760	50.000	9.5
Heptachlor epoxide	4.572	4.473	4.673	52.640	50.000	5.3
Methoxychlor	6.256	6.158	6.358	56.300	50.000	12.6
Tetrachloro-m-xylene	3.023	2.924	3.124	52.230	50.000	4.5

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No. (PEM): PEM - PD032982.D Date Analyzed: 04/12/2016

Lab Sample No.(PEM): PEM Time Analyzed: 13:04

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.140	9.040	9.240	20.900	20.000	4.5
Tetrachloro-m-xylene	4.003	3.903	4.103	20.410	20.000	2.1
alpha-BHC	4.403	4.303	4.503	9.330	10.000	-6.7
beta-BHC	4.873	4.773	4.973	10.980	10.000	9.8
gamma-BHC (Lindane)	4.693	4.593	4.793	9.830	10.000	-1.7
Endrin	6.748	6.648	6.848	42.690	50.000	-14.6
4,4'-DDT	7.174	7.074	7.274	89.400	100.000	-10.6
Methoxychlor	7.637	7.537	7.737	200.250	250.000	-19.9

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No. (PEM): PEM - PD032982.D Date Analyzed: 04/12/2016

Lab Sample No.(PEM): PEM Time Analyzed: 13:04

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.912	7.812	8.012	20.170	20.000	0.9
Tetrachloro-m-xylene	3.294	3.194	3.394	18.940	20.000	-5.3
alpha-BHC	3.719	3.619	3.819	8.930	10.000	-10.7
beta-BHC	4.238	4.138	4.338	9.620	10.000	-3.8
gamma-BHC (Lindane)	3.991	3.891	4.091	9.180	10.000	-8.2
Endrin	5.752	5.652	5.852	44.180	50.000	-11.6
4,4'-DDT	6.112	6.012	6.212	92.000	100.000	-8.0
Methoxychlor	6.659	6.559	6.759	212.920	250.000	-14.8

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No. (PEM): PEM - PD033306.D Date Analyzed: 04/27/2016

Lab Sample No.(PEM): PEM Time Analyzed: 10:45

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.139	9.039	9.239	20.560	20.000	2.8
Tetrachloro-m-xylene	4.002	3.902	4.102	20.050	20.000	0.3
alpha-BHC	4.401	4.301	4.501	10.210	10.000	2.1
beta-BHC	4.871	4.771	4.971	11.290	10.000	12.9
gamma-BHC (Lindane)	4.691	4.591	4.791	10.640	10.000	6.4
Endrin	6.746	6.646	6.846	43.660	50.000	-12.7
4,4'-DDT	7.172	7.072	7.272	87.880	100.000	-12.1
Methoxychlor	7.637	7.537	7.737	193.160	250.000	-22.7

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No. (PEM): PEM - PD033306.D Date Analyzed: 04/27/2016

Lab Sample No.(PEM): PEM Time Analyzed: 10:45

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.906	7.806	8.006	20.270	20.000	1.4
Tetrachloro-m-xylene	3.291	3.191	3.391	19.910	20.000	-0.5
alpha-BHC	3.716	3.616	3.816	10.000	10.000	0.0
beta-BHC	4.235	4.135	4.335	10.970	10.000	9.7
gamma-BHC (Lindane)	3.988	3.888	4.088	11.180	10.000	11.8
Endrin	5.748	5.648	5.848	46.100	50.000	-7.8
4,4'-DDT	6.108	6.008	6.208	93.370	100.000	-6.6
Methoxychlor	6.654	6.554	6.754	212.050	250.000	-15.2

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No. (PEM): PEM - PL017267.D Date Analyzed: 04/15/2016

Lab Sample No.(PEM): PEM Time Analyzed: 16:46

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.745	8.645	8.845	18.990	20.000	-5.1
Tetrachloro-m-xylene	3.791	3.691	3.891	17.630	20.000	-11.9
alpha-BHC	4.167	4.067	4.267	7.280	10.000	-27.2
beta-BHC	4.619	4.519	4.719	8.040	10.000	-19.6
gamma-BHC (Lindane)	4.444	4.344	4.544	7.690	10.000	-23.1
Endrin	6.432	6.332	6.532	44.590	50.000	-10.8
4,4'-DDT	6.864	6.764	6.964	98.420	100.000	-1.6
Methoxychlor	7.327	7.227	7.427	301.790	250.000	20.7

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No. (PEM): PEM - PL017267.D Date Analyzed: 04/15/2016

Lab Sample No.(PEM): PEM Time Analyzed: 16:46

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.471	7.371	7.571	19.840	20.000	-0.8
Tetrachloro-m-xylene	3.024	2.924	3.124	18.440	20.000	-7.8
alpha-BHC	3.437	3.337	3.537	9.370	10.000	-6.3
beta-BHC	3.934	3.834	4.034	14.310	10.000	43.1
gamma-BHC (Lindane)	3.692	3.592	3.792	9.700	10.000	-3.0
Endrin	5.344	5.244	5.444	45.380	50.000	-9.2
4,4'-DDT	5.715	5.615	5.815	90.090	100.000	-9.9
Methoxychlor	6.257	6.157	6.357	203.340	250.000	-18.7

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2730 SAS No.: H2730 SDG NO.: H2730

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No. (PEM): PEM - PL017545.D Date Analyzed: 04/28/2016

Lab Sample No.(PEM): PEM Time Analyzed: 09:40

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.744	8.644	8.844	19.390	20.000	-3.1
Tetrachloro-m-xylene	3.791	3.691	3.891	16.510	20.000	-17.5
alpha-BHC	4.167	4.067	4.267	6.210	10.000	-37.9
beta-BHC	4.619	4.519	4.719	8.970	10.000	-10.3
gamma-BHC (Lindane)	4.443	4.343	4.543	7.010	10.000	-29.9
Endrin	6.432	6.332	6.532	40.310	50.000	-19.4
4,4'-DDT	6.863	6.763	6.963	95.360	100.000	-4.6
Methoxychlor	7.327	7.227	7.427	315.270	250.000	26.1

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/15/2016 04/15/2016

Client Sample No. (PEM): PEM - PL017545.D Date Analyzed: 04/28/2016

Lab Sample No.(PEM): PEM Time Analyzed: 09:40

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.470	7.370	7.570	20.420	20.000	2.1
Tetrachloro-m-xylene	3.023	2.923	3.123	18.920	20.000	-5.4
alpha-BHC	3.435	3.335	3.535	9.490	10.000	-5.1
beta-BHC	3.933	3.833	4.033	15.070	10.000	50.7
gamma-BHC (Lindane)	3.691	3.591	3.791	9.850	10.000	-1.5
Endrin	5.343	5.243	5.443	43.600	50.000	-12.8
4,4'-DDT	5.713	5.613	5.813	88.710	100.000	-11.3
Methoxychlor	6.256	6.156	6.356	208.660	250.000	-16.5

Analytical Sequence

Client: LaBella Associates P.C.

SDG No.: H2730

Project: 4185 Military Road, Niagara, NY

Instrument ID: ECD_D

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 04/12/2016

04/12/2016

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	04/12/2016	12:50	PD032981.D	9.14	4.00
PEM	PEM	04/12/2016	13:04	PD032982.D	9.14	4.00
RESCHK	RESCHK	04/12/2016	13:18	PD032983.D	9.14	4.00
PSTDICC100	PSTDICC100	04/12/2016	13:32	PD032984.D	9.14	4.00
PSTDICC075	PSTDICC075	04/12/2016	13:45	PD032985.D	9.14	4.00
PSTDICC050	PSTDICC050	04/12/2016	13:59	PD032986.D	9.14	4.00
PSTDICC025	PSTDICC025	04/12/2016	14:13	PD032987.D	9.14	4.00
PSTDICC005	PSTDICC005	04/12/2016	14:27	PD032988.D	9.14	4.00
PTOXICC500	PTOXICC500	04/12/2016	15:08	PD032991.D	9.14	4.00
PCHLORICC500	PCHLORICC500	04/12/2016	16:04	PD032995.D	9.14	4.00
IBLK	IBLK	04/27/2016	10:32	PD033305.D	9.14	4.00
PEM	PEM	04/27/2016	10:45	PD033306.D	9.14	4.00
PSTDCCC050	PSTDCCC050	04/27/2016	11:22	PD033307.D	9.15	4.01
STOCKPILE-1	H2730-01	04/27/2016	16:03	PD033315.D	9.14	4.00
STOCKPILE-2	H2730-02	04/27/2016	16:17	PD033316.D	9.14	4.00
IBLK	IBLK	04/27/2016	16:45	PD033318.D	9.14	4.00
PSTDCCC050	PSTDCCC050	04/27/2016	16:59	PD033319.D	9.14	4.00
IBLK	IBLK	04/15/2016	16:32	PL017266.D	8.74	3.79
PEM	PEM	04/15/2016	16:46	PL017267.D	8.75	3.79
RESCHK	RESCHK	04/15/2016	17:00	PL017268.D	8.74	3.79
PSTDICC100	PSTDICC100	04/15/2016	17:14	PL017269.D	8.75	3.79
PSTDICC075	PSTDICC075	04/15/2016	17:28	PL017270.D	8.75	3.79
PSTDICC050	PSTDICC050	04/15/2016	17:42	PL017271.D	8.75	3.79
PSTDICC025	PSTDICC025	04/15/2016	17:56	PL017272.D	8.75	3.79
PSTDICC005	PSTDICC005	04/15/2016	18:10	PL017273.D	8.75	3.79
PTOXICC500	PTOXICC500	04/15/2016	18:52	PL017276.D	8.75	3.79
PCHLORICC500	PCHLORICC500	04/15/2016	19:48	PL017280.D	8.75	3.79
IBLK	IBLK	04/28/2016	09:26	PL017544.D	8.74	3.79
PEM	PEM	04/28/2016	09:40	PL017545.D	8.74	3.79
PSTDCCC050	PSTDCCC050	04/28/2016	09:54	PL017546.D	8.74	3.79
PB90137BL	PB90137BL	04/28/2016	10:10	PL017547.D	8.75	3.79
PB90137BS	PB90137BS	04/28/2016	10:24	PL017548.D	8.75	3.79
TH-B3(0-5)-CMS	H2724-05MS	04/28/2016	10:38	PL017549.D	8.74	3.79
TH-B3(0-5)-CMSD	H2724-05MSD	04/28/2016	10:52	PL017550.D	8.74	3.79
IBLK	IBLK	04/28/2016	12:02	PL017555.D	8.74	3.79
PSTDCCC050	PSTDCCC050	04/28/2016	12:16	PL017556.D	8.75	3.79

Analytical Sequence

Client: LaBella Associates P.C.

SDG No.: H2730

Project: 4185 Military Road, Niagara, NY

Instrument ID: ECD_D

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 04/12/2016

04/12/2016

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	04/12/2016	12:50	PD032981.D	7.91	3.29
PEM	PEM	04/12/2016	13:04	PD032982.D	7.91	3.29
RESCHK	RESCHK	04/12/2016	13:18	PD032983.D	7.91	3.29
PSTDICC100	PSTDICC100	04/12/2016	13:32	PD032984.D	7.91	3.29
PSTDICC075	PSTDICC075	04/12/2016	13:45	PD032985.D	7.91	3.29
PSTDICC050	PSTDICC050	04/12/2016	13:59	PD032986.D	7.91	3.29
PSTDICC025	PSTDICC025	04/12/2016	14:13	PD032987.D	7.91	3.29
PSTDICC005	PSTDICC005	04/12/2016	14:27	PD032988.D	7.91	3.29
PTOXICC500	PTOXICC500	04/12/2016	15:08	PD032991.D	7.91	3.29
PCHLORICC500	PCHLORICC500	04/12/2016	16:04	PD032995.D	7.91	3.29
IBLK	IBLK	04/27/2016	10:32	PD033305.D	7.91	3.29
PEM	PEM	04/27/2016	10:45	PD033306.D	7.91	3.29
PSTDCCC050	PSTDCCC050	04/27/2016	11:22	PD033307.D	7.91	3.29
STOCKPILE-1	H2730-01	04/27/2016	16:03	PD033315.D	7.91	3.29
STOCKPILE-2	H2730-02	04/27/2016	16:17	PD033316.D	7.91	3.29
IBLK	IBLK	04/27/2016	16:45	PD033318.D	7.91	3.29
PSTDCCC050	PSTDCCC050	04/27/2016	16:59	PD033319.D	7.91	3.29
IBLK	IBLK	04/15/2016	16:32	PL017266.D	7.47	3.02
PEM	PEM	04/15/2016	16:46	PL017267.D	7.47	3.02
RESCHK	RESCHK	04/15/2016	17:00	PL017268.D	7.47	3.02
PSTDICC100	PSTDICC100	04/15/2016	17:14	PL017269.D	7.47	3.02
PSTDICC075	PSTDICC075	04/15/2016	17:28	PL017270.D	7.47	3.02
PSTDICC050	PSTDICC050	04/15/2016	17:42	PL017271.D	7.47	3.02
PSTDICC025	PSTDICC025	04/15/2016	17:56	PL017272.D	7.47	3.02
PSTDICC005	PSTDICC005	04/15/2016	18:10	PL017273.D	7.47	3.02
PTOXICC500	PTOXICC500	04/15/2016	18:52	PL017276.D	7.47	3.02
PCHLORICC500	PCHLORICC500	04/15/2016	19:48	PL017280.D	7.47	3.02
IBLK	IBLK	04/28/2016	09:26	PL017544.D	7.47	3.02
PEM	PEM	04/28/2016	09:40	PL017545.D	7.47	3.02
PSTDCCC050	PSTDCCC050	04/28/2016	09:54	PL017546.D	7.47	3.02
PB90137BL	PB90137BL	04/28/2016	10:10	PL017547.D	7.47	3.02
PB90137BS	PB90137BS	04/28/2016	10:24	PL017548.D	7.47	3.02
TH-B3(0-5)-CMS	H2724-05MS	04/28/2016	10:38	PL017549.D	7.47	3.02
TH-B3(0-5)-CMSD	H2724-05MSD	04/28/2016	10:52	PL017550.D	7.47	3.02
IBLK	IBLK	04/28/2016	12:02	PL017555.D	7.47	3.02
PSTDCCC050	PSTDCCC050	04/28/2016	12:16	PL017556.D	7.47	3.02

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB90137BS

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

SDG NO.: H2730

Lab Sample ID: PB90137BS

Date(s) Analyzed: 04/28/2016

04/28/2016

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column:(2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.64	6.59	6.69	16.2	0
	2	5.61	5.56	5.66	16.2	
4,4'-DDD	1	6.57	6.52	6.62	17.5	0
	2	5.49	5.44	5.54	17.5	
4,4'-DDT	1	6.86	6.81	6.91	16.8	0
	2	5.71	5.66	5.76	16.8	
Endrin aldehyde	1	6.77	6.72	6.82	16.5	0.6
	2	5.77	5.72	5.82	16.6	
Endosulfan sulfate	1	6.99	6.94	7.04	16	0.6
	2	5.98	5.93	6.03	15.9	
Methoxychlor	1	7.33	7.28	7.38	19.1	7.6
	2	6.26	6.21	6.31	17.7	
Endrin ketone	1	7.45	7.40	7.50	17.8	7
	2	6.44	6.39	6.49	16.6	
alpha-BHC	1	4.17	4.12	4.22	16.7	1.8
	2	3.44	3.39	3.49	16.4	
gamma-BHC (Lindane)	1	4.45	4.40	4.50	16.9	1.8
	2	3.69	3.64	3.74	16.6	
Heptachlor	1	4.94	4.89	4.99	17	9.5
	2	3.94	3.89	3.99	18.7	
Aldrin	1	5.24	5.19	5.29	16.6	1.2
	2	4.16	4.11	4.21	16.8	
beta-BHC	1	4.62	4.57	4.67	16	3.7
	2	3.93	3.88	3.98	16.6	
delta-BHC	1	4.83	4.78	4.88	15.8	1.3
	2	4.11	4.06	4.16	15.6	
Heptachlor epoxide	1	5.62	5.57	5.67	16.8	1.2
	2	4.57	4.52	4.62	17	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB90137BS

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

SDG NO.: H2730

Lab Sample ID: PB90137BS

Date(s) Analyzed: 04/28/2016

04/28/2016

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	5.97	5.92	6.02	16.4	1.8
	2	4.88	4.83	4.93	16.7	
gamma-Chlordane	1	5.85	5.80	5.90	16.5	0.6
	2	4.78	4.73	4.83	16.6	
alpha-Chlordane	1	5.92	5.87	5.97	16.6	0.6
	2	4.83	4.78	4.88	16.5	
4,4'-DDE	1	6.08	6.03	6.13	16.6	2.4
	2	5.00	4.95	5.05	17	
Dieldrin	1	6.22	6.17	6.27	16.6	0
	2	5.10	5.05	5.15	16.6	
Endrin	1	6.43	6.38	6.48	16.2	0
	2	5.34	5.29	5.39	16.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

STOCKPILE-2

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

SDG NO.: H2730

Lab Sample ID: H2730-02

Date(s) Analyzed: 04/27/2016

04/27/2016

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR2 ID: 0.32 (mm)

GC Column:(2): ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.87	6.82	6.92	2.2	9.5
	2	5.88	5.83	5.93	2	
4,4'-DDT	1	7.17	7.12	7.22	2.9	7.1
	2	6.11	6.06	6.16	2.7	
4,4'-DDE	1	6.38	6.33	6.43	6.5	3.1
	2	5.37	5.32	5.42	6.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TH-B3(0-5)-CMS

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

SDG NO.: H2730

Lab Sample ID: H2724-05MS

Date(s) Analyzed: 04/28/2016

04/28/2016

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column:(2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.64	6.59	6.69	16	5.5
	2	5.61	5.56	5.66	16.9	
4,4'-DDD	1	6.57	6.52	6.62	18.9	6
	2	5.49	5.44	5.54	17.8	
4,4'-DDT	1	6.86	6.81	6.91	20.5	0.5
	2	5.71	5.66	5.76	20.6	
Endrin aldehyde	1	6.77	6.72	6.82	15.3	9.3
	2	5.77	5.72	5.82	16.8	
Endosulfan sulfate	1	6.99	6.94	7.04	15.8	5.5
	2	5.98	5.93	6.03	16.7	
Methoxychlor	1	7.33	7.28	7.38	21.5	15.5
	2	6.26	6.21	6.31	18.4	
Endrin ketone	1	7.45	7.40	7.50	17.8	9.4
	2	6.44	6.39	6.49	16.2	
alpha-BHC	1	4.17	4.12	4.22	19.1	8.7
	2	3.44	3.39	3.49	17.5	
gamma-BHC (Lindane)	1	4.44	4.39	4.49	18.6	6.7
	2	3.69	3.64	3.74	17.4	
Heptachlor	1	4.94	4.89	4.99	17	8.5
	2	3.94	3.89	3.99	18.5	
Aldrin	1	5.24	5.19	5.29	17.5	0.6
	2	4.16	4.11	4.21	17.6	
beta-BHC	1	4.62	4.57	4.67	17	15.2
	2	3.94	3.89	3.99	19.8	
delta-BHC	1	4.83	4.78	4.88	17.7	5.8
	2	4.11	4.06	4.16	16.7	
Heptachlor epoxide	1	5.62	5.57	5.67	17.5	1.1
	2	4.57	4.52	4.62	17.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TH-B3(0-5)-CMS

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

SDG NO.: H2730

Lab Sample ID: H2724-05MS

Date(s) Analyzed: 04/28/2016

04/28/2016

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column:(2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	5.96	5.91	6.01	17.3	11
	2	4.88	4.83	4.93	15.5	
gamma-Chlordane	1	5.85	5.80	5.90	17.1	1.2
	2	4.78	4.73	4.83	16.9	
alpha-Chlordane	1	5.92	5.87	5.97	17.4	4.1
	2	4.83	4.78	4.88	16.7	
4,4'-DDE	1	6.08	6.03	6.13	20.7	2
	2	5.00	4.95	5.05	20.3	
Dieldrin	1	6.22	6.17	6.27	17.4	3.9
	2	5.10	5.05	5.15	18.1	
Endrin	1	6.43	6.38	6.48	15.8	10.8
	2	5.34	5.29	5.39	17.6	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TH-B3(0-5)-CMSD

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

SDG NO.: H2730

Lab Sample ID: H2724-05MSD

Date(s) Analyzed: 04/28/2016
04/28/2016

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column:(2): ZB-MR2 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.64	6.59	6.69	16	1.9
	2	5.61	5.56	5.66	16.3	
4,4'-DDD	1	6.57	6.52	6.62	19.3	7.5
	2	5.49	5.44	5.54	17.9	
4,4'-DDT	1	6.86	6.81	6.91	20.8	3.4
	2	5.71	5.66	5.76	20.1	
Endrin aldehyde	1	6.77	6.72	6.82	15.3	2.6
	2	5.77	5.72	5.82	15.7	
Endosulfan sulfate	1	6.99	6.94	7.04	16	3.7
	2	5.98	5.93	6.03	16.6	
Methoxychlor	1	7.33	7.28	7.38	21.8	15.8
	2	6.26	6.21	6.31	18.6	
Endrin ketone	1	7.45	7.40	7.50	18	10.5
	2	6.44	6.39	6.49	16.2	
alpha-BHC	1	4.17	4.12	4.22	19.3	9.8
	2	3.44	3.39	3.49	17.5	
gamma-BHC (Lindane)	1	4.44	4.39	4.49	18.6	6.7
	2	3.69	3.64	3.74	17.4	
Heptachlor	1	4.94	4.89	4.99	17	7.9
	2	3.94	3.89	3.99	18.4	
Aldrin	1	5.24	5.19	5.29	17.4	1.1
	2	4.16	4.11	4.21	17.6	
beta-BHC	1	4.62	4.57	4.67	16.5	12
	2	3.93	3.88	3.98	18.6	
delta-BHC	1	4.83	4.78	4.88	17.8	7
	2	4.11	4.06	4.16	16.6	
Heptachlor epoxide	1	5.62	5.57	5.67	17.9	4
	2	4.57	4.52	4.62	17.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TH-B3(0-5)-CMSD

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

SDG NO.: H2730

Lab Sample ID: H2724-05MSD

Date(s) Analyzed: 04/28/2016

04/28/2016

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	5.96	5.91	6.01	17.3	11
	2	4.88	4.83	4.93	15.5	
gamma-Chlordane	1	5.85	5.80	5.90	17.3	2.3
	2	4.78	4.73	4.83	16.9	
alpha-Chlordane	1	5.92	5.87	5.97	17.4	4.1
	2	4.83	4.78	4.88	16.7	
4,4'-DDE	1	6.08	6.03	6.13	20.5	1
	2	5.01	4.96	5.06	20.3	
Dieldrin	1	6.22	6.17	6.27	17	6.3
	2	5.10	5.05	5.15	18.1	
Endrin	1	6.43	6.38	6.48	15.7	10.8
	2	5.34	5.29	5.39	17.5	

LAB CHRONICLE

OrderID:	H2730	OrderDate:	4/26/2016 11:37:00 AM
Client:	LaBella Associates P.C.	Project:	4185 Military Road, Niagara, NY
Contact:	Adam Zebrowski	Location:	O23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2730-01	STOCKPILE-1	SOIL			04/22/16			04/25/16
			Mercury	7471A		04/27/16	04/27/16	
			Metals ICP-RCRA	6010C		04/27/16	04/28/16	
H2730-02	STOCKPILE-2	SOIL			04/22/16			04/25/16
			Mercury	7471A		04/27/16	04/27/16	
			Metals ICP-RCRA	6010C		04/27/16	04/28/16	

Hit Summary Sheet

SW-846

SDG No.: H2730

Order ID: H2730

Client: LaBella Associates P.C.

Project ID: 4185 Military Road, Niagara, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : STOCKPILE-1									
H2730-01	STOCKPILE-1	SOIL	Arsenic	3.570		0.281	0.281	1.12	mg/Kg
H2730-01	STOCKPILE-1	SOIL	Barium	70.400		0.45	1.4	5.62	mg/Kg
H2730-01	STOCKPILE-1	SOIL	Cadmium	0.201	J	0.067	0.084	0.337	mg/Kg
H2730-01	STOCKPILE-1	SOIL	Chromium	20.900		0.14	0.14	0.562	mg/Kg
H2730-01	STOCKPILE-1	SOIL	Lead	23.300		0.135	0.281	0.674	mg/Kg
H2730-01	STOCKPILE-1	SOIL	Mercury	0.058		0.008	0.008	0.017	mg/Kg
H2730-01	STOCKPILE-1	SOIL	Selenium	0.751	J	0.281	0.281	1.12	mg/Kg
Client ID : STOCKPILE-2									
H2730-02	STOCKPILE-2	SOIL	Arsenic	9.140		0.273	0.273	1.09	mg/Kg
H2730-02	STOCKPILE-2	SOIL	Barium	211.000		0.438	1.37	5.47	mg/Kg
H2730-02	STOCKPILE-2	SOIL	Cadmium	7.670		0.066	0.082	0.328	mg/Kg
H2730-02	STOCKPILE-2	SOIL	Chromium	71.400		0.137	0.137	0.547	mg/Kg
H2730-02	STOCKPILE-2	SOIL	Lead	662.000		0.131	0.273	0.656	mg/Kg
H2730-02	STOCKPILE-2	SOIL	Mercury	0.095		0.009	0.009	0.017	mg/Kg
H2730-02	STOCKPILE-2	SOIL	Selenium	1.040	J	0.273	0.273	1.09	mg/Kg

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-1	SDG No.:	H2730
Lab Sample ID:	H2730-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	75.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	3.57	1		0.281	0.281	1.12	mg/Kg	04/27/16 09:30	04/28/16 15:58	SW6010
7440-39-3	Barium	70.4	1		0.45	1.4	5.62	mg/Kg	04/27/16 09:30	04/28/16 15:58	SW6010
7440-43-9	Cadmium	0.201	J	1	0.067	0.084	0.337	mg/Kg	04/27/16 09:30	04/28/16 15:58	SW6010
7440-47-3	Chromium	20.9	1		0.14	0.14	0.562	mg/Kg	04/27/16 09:30	04/28/16 15:58	SW6010
7439-92-1	Lead	23.3	N	1	0.135	0.281	0.674	mg/Kg	04/27/16 09:30	04/28/16 15:58	SW6010
7439-97-6	Mercury	0.058	1		0.008	0.008	0.017	mg/Kg	04/27/16 09:31	04/27/16 17:38	SW7471A
7782-49-2	Selenium	0.751	J	1	0.281	0.281	1.12	mg/Kg	04/27/16 09:30	04/28/16 15:58	SW6010
7440-22-4	Silver	0.562	UN	1	0.14	0.14	0.562	mg/Kg	04/27/16 09:30	04/28/16 15:58	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/22/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/25/16
Client Sample ID:	STOCKPILE-2	SDG No.:	H2730
Lab Sample ID:	H2730-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	78.8

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	9.14	1		0.273	0.273	1.09	mg/Kg	04/27/16 09:30	04/28/16 16:02	SW6010
7440-39-3	Barium	211	1		0.438	1.37	5.47	mg/Kg	04/27/16 09:30	04/28/16 16:02	SW6010
7440-43-9	Cadmium	7.67	1		0.066	0.082	0.328	mg/Kg	04/27/16 09:30	04/28/16 16:02	SW6010
7440-47-3	Chromium	71.4	1		0.137	0.137	0.547	mg/Kg	04/27/16 09:30	04/28/16 16:02	SW6010
7439-92-1	Lead	662	N	1	0.131	0.273	0.656	mg/Kg	04/27/16 09:30	04/28/16 16:02	SW6010
7439-97-6	Mercury	0.095	1		0.009	0.009	0.017	mg/Kg	04/27/16 09:31	04/27/16 17:45	SW7471A
7782-49-2	Selenium	1.04	J	1	0.273	0.273	1.09	mg/Kg	04/27/16 09:30	04/28/16 16:02	SW6010
7440-22-4	Silver	0.547	UN	1	0.137	0.137	0.547	mg/Kg	04/27/16 09:30	04/28/16 16:02	SW6010

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS RCRA			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C.

SDG No.: H2730

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV26	Mercury	3.8815	4.0	97	90 - 110	CV	04/27/2016	16:41	LB81288

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV12	Mercury	5.0254	5.0	100.5	90 - 110	CV	04/27/2016	16:45	LB81288
CCV13	Mercury	4.9993	5.0	100	90 - 110	CV	04/27/2016	17:13	LB81288
CCV14	Mercury	5.1346	5.0	102.7	90 - 110	CV	04/27/2016	17:40	LB81288
CCV15	Mercury	5.1213	5.0	102.4	90 - 110	CV	04/27/2016	18:08	LB81288
CCV16	Mercury	5.1342	5.0	102.7	90 - 110	CV	04/27/2016	18:35	LB81288
CCV17	Mercury	5.1708	5.0	103.4	90 - 110	CV	04/27/2016	19:02	LB81288
CCV18	Mercury	5.2247	5.0	104.5	90 - 110	CV	04/27/2016	19:30	LB81288
CCV19	Mercury	5.2525	5.0	105.1	90 - 110	CV	04/27/2016	19:46	LB81288
CCV20	Mercury	5.1658	5.0	103.3	90 - 110	CV	04/27/2016	20:06	LB81288

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	1012.2	999	101.3	95 - 105	P	04/27/2016	11:14	LB81285
	Barium	499.01	497	100.4	95 - 105	P	04/27/2016	11:14	LB81285
	Cadmium	488.6	496	98.5	95 - 105	P	04/27/2016	11:14	LB81285
	Chromium	500.41	490	102.1	95 - 105	P	04/27/2016	11:14	LB81285
	Lead	987.95	1002	98.6	95 - 105	P	04/27/2016	11:14	LB81285
	Selenium	998.83	1029	97.1	95 - 105	P	04/27/2016	11:14	LB81285
	Silver	506.35	501	101.1	95 - 105	P	04/27/2016	11:14	LB81285

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>LaBella Associates P.C.</u>	SDG No.:	<u>H2730</u>				
Contract:	<u>LABE01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>H2730</u>	SAS No.:	<u>H2730</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	Inorganic Ventures						

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis Date	Analysis Time	Run Number
		ug/L		Recovery	Window (%R)				
LLICV01	Arsenic	24.81	20.0	124.1	70 - 130	P	04/27/2016	11:18	LB81285
	Barium	102.11	100	102.1	70 - 130	P	04/27/2016	11:18	LB81285
	Cadmium	6.06	6.0	101	70 - 130	P	04/27/2016	11:18	LB81285
	Chromium	11.8	10.0	118	70 - 130	P	04/27/2016	11:18	LB81285
	Lead	11.63	12.0	96.9	70 - 130	P	04/27/2016	11:18	LB81285
	Selenium	17.94	20.0	89.7	70 - 130	P	04/27/2016	11:18	LB81285
	Silver	10.23	10.0	102.3	70 - 130	P	04/27/2016	11:18	LB81285

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	4966.1	5000	99.3	90 - 110	P	04/27/2016	11:43	LB81285
	Barium	9699.6	10000	97	90 - 110	P	04/27/2016	11:43	LB81285
	Cadmium	2493.1	2500	99.7	90 - 110	P	04/27/2016	11:43	LB81285
	Chromium	983.5	1000	98.4	90 - 110	P	04/27/2016	11:43	LB81285
	Lead	4962.9	5000	99.3	90 - 110	P	04/27/2016	11:43	LB81285
	Selenium	4976.7	5000	99.5	90 - 110	P	04/27/2016	11:43	LB81285
	Silver	1226.5	1250	98.1	90 - 110	P	04/27/2016	11:43	LB81285

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV01	Arsenic	20.57	20.0	102.9	70 - 130	P	04/27/2016	11:47	LB81285
	Barium	98.9	100	98.9	70 - 130	P	04/27/2016	11:47	LB81285
	Cadmium	5.93	6.0	98.8	70 - 130	P	04/27/2016	11:47	LB81285
	Chromium	10.28	10.0	102.8	70 - 130	P	04/27/2016	11:47	LB81285
	Lead	11.21	12.0	93.4	70 - 130	P	04/27/2016	11:47	LB81285
	Selenium	20.23	20.0	101.2	70 - 130	P	04/27/2016	11:47	LB81285
	Silver	10.02	10.0	100.2	70 - 130	P	04/27/2016	11:47	LB81285

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730
Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Arsenic	5011.6	5000	100.2	90 - 110	P	04/27/2016	12:47	LB81285
	Barium	9680	10000	96.8	90 - 110	P	04/27/2016	12:47	LB81285
	Cadmium	2512.1	2500	100.5	90 - 110	P	04/27/2016	12:47	LB81285
	Chromium	988.76	1000	98.9	90 - 110	P	04/27/2016	12:47	LB81285
	Lead	4990.1	5000	99.8	90 - 110	P	04/27/2016	12:47	LB81285
	Selenium	5022	5000	100.4	90 - 110	P	04/27/2016	12:47	LB81285
	Silver	1237.4	1250	99	90 - 110	P	04/27/2016	12:47	LB81285
CCV03	Arsenic	4993.5	5000	99.9	90 - 110	P	04/27/2016	13:36	LB81285
	Barium	9780.4	10000	97.8	90 - 110	P	04/27/2016	13:36	LB81285
	Cadmium	2480.8	2500	99.2	90 - 110	P	04/27/2016	13:36	LB81285
	Chromium	993.22	1000	99.3	90 - 110	P	04/27/2016	13:36	LB81285
	Lead	4950.3	5000	99	90 - 110	P	04/27/2016	13:36	LB81285
	Selenium	5010.2	5000	100.2	90 - 110	P	04/27/2016	13:36	LB81285
	Silver	1243.8	1250	99.5	90 - 110	P	04/27/2016	13:36	LB81285
CCV04	Arsenic	4973.6	5000	99.5	90 - 110	P	04/27/2016	14:26	LB81285
	Barium	9611.7	10000	96.1	90 - 110	P	04/27/2016	14:26	LB81285
	Cadmium	2490.5	2500	99.6	90 - 110	P	04/27/2016	14:26	LB81285
	Chromium	981.73	1000	98.2	90 - 110	P	04/27/2016	14:26	LB81285
	Lead	4946.2	5000	98.9	90 - 110	P	04/27/2016	14:26	LB81285
	Selenium	5016.5	5000	100.3	90 - 110	P	04/27/2016	14:26	LB81285
	Silver	1229.1	1250	98.3	90 - 110	P	04/27/2016	14:26	LB81285
CCV05	Arsenic	4942.9	5000	98.9	90 - 110	P	04/27/2016	15:15	LB81285
	Barium	9651.6	10000	96.5	90 - 110	P	04/27/2016	15:15	LB81285
	Cadmium	2471.7	2500	98.9	90 - 110	P	04/27/2016	15:15	LB81285
	Chromium	987.97	1000	98.8	90 - 110	P	04/27/2016	15:15	LB81285
	Lead	4906.6	5000	98.1	90 - 110	P	04/27/2016	15:15	LB81285
	Selenium	4974.9	5000	99.5	90 - 110	P	04/27/2016	15:15	LB81285
	Silver	1230.5	1250	98.4	90 - 110	P	04/27/2016	15:15	LB81285

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV02	Arsenic	22.55	20.0	112.8	70 - 130	P	04/27/2016	15:19	LB81285
	Barium	98.19	100	98.2	70 - 130	P	04/27/2016	15:19	LB81285
	Cadmium	6.03	6.0	100.5	70 - 130	P	04/27/2016	15:19	LB81285
	Chromium	9.92	10.0	99.2	70 - 130	P	04/27/2016	15:19	LB81285
	Lead	11.2	12.0	93.3	70 - 130	P	04/27/2016	15:19	LB81285
	Selenium	19.44	20.0	97.2	70 - 130	P	04/27/2016	15:19	LB81285
	Silver	10.4	10.0	104	70 - 130	P	04/27/2016	15:19	LB81285

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730
Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV06	Arsenic	4949	5000	99	90 - 110	P	04/27/2016	16:08	LB81285
	Barium	9615.6	10000	96.2	90 - 110	P	04/27/2016	16:08	LB81285
	Cadmium	2469.2	2500	98.8	90 - 110	P	04/27/2016	16:08	LB81285
	Chromium	990.01	1000	99	90 - 110	P	04/27/2016	16:08	LB81285
	Lead	4897.7	5000	98	90 - 110	P	04/27/2016	16:08	LB81285
	Selenium	4971	5000	99.4	90 - 110	P	04/27/2016	16:08	LB81285
	Silver	1235.4	1250	98.8	90 - 110	P	04/27/2016	16:08	LB81285
CCV07	Arsenic	5076	5000	101.5	90 - 110	P	04/27/2016	16:55	LB81285
	Barium	9856.8	10000	98.6	90 - 110	P	04/27/2016	16:55	LB81285
	Cadmium	2536.2	2500	101.4	90 - 110	P	04/27/2016	16:55	LB81285
	Chromium	1014.2	1000	101.4	90 - 110	P	04/27/2016	16:55	LB81285
	Lead	5002	5000	100	90 - 110	P	04/27/2016	16:55	LB81285
	Selenium	5116.4	5000	102.3	90 - 110	P	04/27/2016	16:55	LB81285
	Silver	1259.1	1250	100.7	90 - 110	P	04/27/2016	16:55	LB81285
CCV08	Arsenic	4958.7	5000	99.2	90 - 110	P	04/27/2016	17:48	LB81285
	Barium	9613.8	10000	96.1	90 - 110	P	04/27/2016	17:48	LB81285
	Cadmium	2491	2500	99.6	90 - 110	P	04/27/2016	17:48	LB81285
	Chromium	1012.6	1000	101.3	90 - 110	P	04/27/2016	17:48	LB81285
	Lead	4907.4	5000	98.1	90 - 110	P	04/27/2016	17:48	LB81285
	Selenium	5035.9	5000	100.7	90 - 110	P	04/27/2016	17:48	LB81285
	Silver	1253.4	1250	100.3	90 - 110	P	04/27/2016	17:48	LB81285
CCV09	Arsenic	5035.5	5000	100.7	90 - 110	P	04/27/2016	18:37	LB81285
	Barium	9711.8	10000	97.1	90 - 110	P	04/27/2016	18:37	LB81285
	Cadmium	2535.9	2500	101.4	90 - 110	P	04/27/2016	18:37	LB81285
	Chromium	1025.6	1000	102.6	90 - 110	P	04/27/2016	18:37	LB81285
	Lead	4966.3	5000	99.3	90 - 110	P	04/27/2016	18:37	LB81285
	Selenium	5100.6	5000	102	90 - 110	P	04/27/2016	18:37	LB81285
	Silver	1262.2	1250	101	90 - 110	P	04/27/2016	18:37	LB81285

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV03	Arsenic	19.79	20.0	99	70 - 130	P	04/27/2016	18:41	LB81285
	Barium	94.22	100	94.2	70 - 130	P	04/27/2016	18:41	LB81285
	Cadmium	5.75	6.0	95.8	70 - 130	P	04/27/2016	18:41	LB81285
	Chromium	9.79	10.0	97.9	70 - 130	P	04/27/2016	18:41	LB81285
	Lead	9.77	12.0	81.4	70 - 130	P	04/27/2016	18:41	LB81285
	Selenium	16.1	20.0	80.5	70 - 130	P	04/27/2016	18:41	LB81285
	Silver	9.54	10.0	95.4	70 - 130	P	04/27/2016	18:41	LB81285

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Arsenic	5014	5000	100.3	90 - 110	P	04/27/2016	19:31	LB81285
	Barium	9558	10000	95.6	90 - 110	P	04/27/2016	19:31	LB81285
	Cadmium	2536.1	2500	101.4	90 - 110	P	04/27/2016	19:31	LB81285
	Chromium	1015.6	1000	101.6	90 - 110	P	04/27/2016	19:31	LB81285
	Lead	4939.8	5000	98.8	90 - 110	P	04/27/2016	19:31	LB81285
	Selenium	5111.4	5000	102.2	90 - 110	P	04/27/2016	19:31	LB81285
	Silver	1251.4	1250	100.1	90 - 110	P	04/27/2016	19:31	LB81285
CCV11	Arsenic	4898.1	5000	98	90 - 110	P	04/27/2016	20:21	LB81285
	Barium	9453.5	10000	94.5	90 - 110	P	04/27/2016	20:21	LB81285
	Cadmium	2476.5	2500	99.1	90 - 110	P	04/27/2016	20:21	LB81285
	Chromium	994.29	1000	99.4	90 - 110	P	04/27/2016	20:21	LB81285
	Lead	4845.9	5000	96.9	90 - 110	P	04/27/2016	20:21	LB81285
	Selenium	5000.5	5000	100	90 - 110	P	04/27/2016	20:21	LB81285
	Silver	1224.5	1250	98	90 - 110	P	04/27/2016	20:21	LB81285

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730
Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV04	Arsenic	21.69	20.0	108.5	70 - 130	P	04/27/2016	20:25	LB81285
	Barium	93.13	100	93.1	70 - 130	P	04/27/2016	20:25	LB81285
	Cadmium	5.74	6.0	95.7	70 - 130	P	04/27/2016	20:25	LB81285
	Chromium	9.75	10.0	97.5	70 - 130	P	04/27/2016	20:25	LB81285
	Lead	11.69	12.0	97.4	70 - 130	P	04/27/2016	20:25	LB81285
	Selenium	18.27	20.0	91.4	70 - 130	P	04/27/2016	20:25	LB81285
	Silver	9.8	10.0	98	70 - 130	P	04/27/2016	20:25	LB81285

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV12	Arsenic	4806.8	5000	96.1	90 - 110	P	04/27/2016	21:13	LB81285
	Barium	9322.4	10000	93.2	90 - 110	P	04/27/2016	21:13	LB81285
	Cadmium	2407.2	2500	96.3	90 - 110	P	04/27/2016	21:13	LB81285
	Chromium	963.86	1000	96.4	90 - 110	P	04/27/2016	21:13	LB81285
	Lead	4724.8	5000	94.5	90 - 110	P	04/27/2016	21:13	LB81285
	Selenium	4908.6	5000	98.2	90 - 110	P	04/27/2016	21:13	LB81285
	Silver	1195.5	1250	95.6	90 - 110	P	04/27/2016	21:13	LB81285

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV05	Arsenic	20.37	20.0	101.9	70 - 130	P	04/27/2016	21:17	LB81285
	Barium	92.43	100	92.4	70 - 130	P	04/27/2016	21:17	LB81285
	Cadmium	5.64	6.0	94	70 - 130	P	04/27/2016	21:17	LB81285
	Chromium	9.14	10.0	91.4	70 - 130	P	04/27/2016	21:17	LB81285
	Lead	10.53	12.0	87.8	70 - 130	P	04/27/2016	21:17	LB81285
	Selenium	18.2	20.0	91	70 - 130	P	04/27/2016	21:17	LB81285
	Silver	9.78	10.0	97.8	70 - 130	P	04/27/2016	21:17	LB81285

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	1024.3	999	102.5	90 - 110	P	04/28/2016	10:45	LB81325
	Barium	516.8	503	102.7	90 - 110	P	04/28/2016	10:45	LB81325
	Cadmium	494.36	496	99.7	90 - 110	P	04/28/2016	10:45	LB81325
	Chromium	509.4	490	104	90 - 110	P	04/28/2016	10:45	LB81325
	Lead	1000.9	1002	99.9	90 - 110	P	04/28/2016	10:45	LB81325
	Selenium	1015.3	1029	98.7	90 - 110	P	04/28/2016	10:45	LB81325
	Silver	513.9	501	102.6	90 - 110	P	04/28/2016	10:45	LB81325

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>LaBella Associates P.C.</u>	SDG No.:	<u>H2730</u>				
Contract:	<u>LABE01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>H2730</u>	SAS No.:	<u>H2730</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	Inorganic Ventures						

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis Date	Analysis Time	Run Number
		ug/L		Recovery	Window (%R)				
LLICV01	Arsenic	21.93	20.0	109.7	70 - 130	P	04/28/2016	11:01	LB81325
	Barium	102.41	100	102.4	70 - 130	P	04/28/2016	11:01	LB81325
	Cadmium	5.75	6.0	95.8	70 - 130	P	04/28/2016	11:01	LB81325
	Chromium	9.76	10.0	97.6	70 - 130	P	04/28/2016	11:01	LB81325
	Lead	11.62	12.0	96.8	70 - 130	P	04/28/2016	11:01	LB81325
	Selenium	20.59	20.0	103	70 - 130	P	04/28/2016	11:01	LB81325
	Silver	9.58	10.0	95.8	70 - 130	P	04/28/2016	11:01	LB81325

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5035	5000	100.7	90 - 110	P	04/28/2016	11:34	LB81325
	Barium	10405	10000	104.1	90 - 110	P	04/28/2016	11:34	LB81325
	Cadmium	2515.5	2500	100.6	90 - 110	P	04/28/2016	11:34	LB81325
	Chromium	956.81	1000	95.7	90 - 110	P	04/28/2016	11:34	LB81325
	Lead	4937.1	5000	98.7	90 - 110	P	04/28/2016	11:34	LB81325
	Selenium	5035.9	5000	100.7	90 - 110	P	04/28/2016	11:34	LB81325
	Silver	1218.7	1250	97.5	90 - 110	P	04/28/2016	11:34	LB81325

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV01	Arsenic	19.3	20.0	96.5	70 - 130	P	04/28/2016	11:55	LB81325
	Barium	103.92	100	103.9	70 - 130	P	04/28/2016	11:55	LB81325
	Cadmium	5.77	6.0	96.2	70 - 130	P	04/28/2016	11:55	LB81325
	Chromium	8.76	10.0	87.6	70 - 130	P	04/28/2016	11:55	LB81325
	Lead	11.57	12.0	96.4	70 - 130	P	04/28/2016	11:55	LB81325
	Selenium	18.9	20.0	94.5	70 - 130	P	04/28/2016	11:55	LB81325
	Silver	9.15	10.0	91.5	70 - 130	P	04/28/2016	11:55	LB81325

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. **SDG No.:** H2730
Contract: LABE01 **Lab Code:** CHEM **Case No.:** H2730 **SAS No.:** H2730
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Arsenic	5012	5000	100.2	90 - 110	P	04/28/2016	13:02	LB81325
	Barium	10426	10000	104.3	90 - 110	P	04/28/2016	13:02	LB81325
	Cadmium	2498.2	2500	99.9	90 - 110	P	04/28/2016	13:02	LB81325
	Chromium	941.83	1000	94.2	90 - 110	P	04/28/2016	13:02	LB81325
	Lead	4891.8	5000	97.8	90 - 110	P	04/28/2016	13:02	LB81325
	Selenium	5023.8	5000	100.5	90 - 110	P	04/28/2016	13:02	LB81325
	Silver	1207.6	1250	96.6	90 - 110	P	04/28/2016	13:02	LB81325
CCV03	Arsenic	5071	5000	101.4	90 - 110	P	04/28/2016	14:09	LB81325
	Barium	10479	10000	104.8	90 - 110	P	04/28/2016	14:09	LB81325
	Cadmium	2510.9	2500	100.4	90 - 110	P	04/28/2016	14:09	LB81325
	Chromium	941.89	1000	94.2	90 - 110	P	04/28/2016	14:09	LB81325
	Lead	4921	5000	98.4	90 - 110	P	04/28/2016	14:09	LB81325
	Selenium	5091.5	5000	101.8	90 - 110	P	04/28/2016	14:09	LB81325
	Silver	1216.7	1250	97.3	90 - 110	P	04/28/2016	14:09	LB81325
CCV04	Arsenic	5058	5000	101.2	90 - 110	P	04/28/2016	15:20	LB81325
	Barium	10485	10000	104.9	90 - 110	P	04/28/2016	15:20	LB81325
	Cadmium	2496.2	2500	99.8	90 - 110	P	04/28/2016	15:20	LB81325
	Chromium	936.55	1000	93.7	90 - 110	P	04/28/2016	15:20	LB81325
	Lead	4890.6	5000	97.8	90 - 110	P	04/28/2016	15:20	LB81325
	Selenium	5059.5	5000	101.2	90 - 110	P	04/28/2016	15:20	LB81325
	Silver	1208.8	1250	96.7	90 - 110	P	04/28/2016	15:20	LB81325
CCV05	Arsenic	5022.6	5000	100.5	90 - 110	P	04/28/2016	16:16	LB81325
	Barium	10399	10000	104	90 - 110	P	04/28/2016	16:16	LB81325
	Cadmium	2475.2	2500	99	90 - 110	P	04/28/2016	16:16	LB81325
	Chromium	925.18	1000	92.5	90 - 110	P	04/28/2016	16:16	LB81325
	Lead	4848.3	5000	97	90 - 110	P	04/28/2016	16:16	LB81325
	Selenium	5008	5000	100.2	90 - 110	P	04/28/2016	16:16	LB81325
	Silver	1199.9	1250	96	90 - 110	P	04/28/2016	16:16	LB81325
CCV06	Arsenic	4953.7	5000	99.1	90 - 110	P	04/28/2016	17:13	LB81325
	Barium	10368	10000	103.7	90 - 110	P	04/28/2016	17:13	LB81325
	Cadmium	2466.6	2500	98.7	90 - 110	P	04/28/2016	17:13	LB81325
	Chromium	928.04	1000	92.8	90 - 110	P	04/28/2016	17:13	LB81325
	Lead	4830.1	5000	96.6	90 - 110	P	04/28/2016	17:13	LB81325
	Selenium	4930.5	5000	98.6	90 - 110	P	04/28/2016	17:13	LB81325

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C.

SDG No.: H2730

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV06	Silver	1193	1250	95.4	90 - 110	P	04/28/2016	17:13	LB81325

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV02	Arsenic	21.17	20.0	105.9	70 - 130	P	04/28/2016	17:17	LB81325
	Barium	102.69	100	102.7	70 - 130	P	04/28/2016	17:17	LB81325
	Cadmium	5.75	6.0	95.8	70 - 130	P	04/28/2016	17:17	LB81325
	Chromium	9.81	10.0	98.1	70 - 130	P	04/28/2016	17:17	LB81325
	Lead	9.68	12.0	80.7	70 - 130	P	04/28/2016	17:17	LB81325
	Selenium	17.3	20.0	86.5	70 - 130	P	04/28/2016	17:17	LB81325
	Silver	9.3	10.0	93	70 - 130	P	04/28/2016	17:17	LB81325

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Arsenic	4971.2	5000	99.4	90 - 110	P	04/28/2016	18:13	LB81325
	Barium	10260	10000	102.6	90 - 110	P	04/28/2016	18:13	LB81325
	Cadmium	2467.4	2500	98.7	90 - 110	P	04/28/2016	18:13	LB81325
	Chromium	924.35	1000	92.4	90 - 110	P	04/28/2016	18:13	LB81325
	Lead	4827.7	5000	96.6	90 - 110	P	04/28/2016	18:13	LB81325
	Selenium	4979	5000	99.6	90 - 110	P	04/28/2016	18:13	LB81325
	Silver	1187.3	1250	95	90 - 110	P	04/28/2016	18:13	LB81325
CCV08	Arsenic	4942.4	5000	98.8	90 - 110	P	04/28/2016	19:02	LB81325
	Barium	10112	10000	101.1	90 - 110	P	04/28/2016	19:02	LB81325
	Cadmium	2469.9	2500	98.8	90 - 110	P	04/28/2016	19:02	LB81325
	Chromium	922.45	1000	92.2	90 - 110	P	04/28/2016	19:02	LB81325
	Lead	4821.4	5000	96.4	90 - 110	P	04/28/2016	19:02	LB81325
	Selenium	4985.2	5000	99.7	90 - 110	P	04/28/2016	19:02	LB81325
	Silver	1182.2	1250	94.6	90 - 110	P	04/28/2016	19:02	LB81325

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV03	Arsenic	20.46	20.0	102.3	70 - 130	P	04/28/2016	19:06	LB81325
	Barium	102.54	100	102.5	70 - 130	P	04/28/2016	19:06	LB81325
	Cadmium	5.64	6.0	94	70 - 130	P	04/28/2016	19:06	LB81325
	Chromium	9.52	10.0	95.2	70 - 130	P	04/28/2016	19:06	LB81325
	Lead	10.2	12.0	85	70 - 130	P	04/28/2016	19:06	LB81325
	Selenium	19.62	20.0	98.1	70 - 130	P	04/28/2016	19:06	LB81325
	Silver	9.04	10.0	90.4	70 - 130	P	04/28/2016	19:06	LB81325

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV09	Arsenic	4927.4	5000	98.5	90 - 110	P	04/28/2016	19:47	LB81325
	Barium	10007	10000	100.1	90 - 110	P	04/28/2016	19:47	LB81325
	Cadmium	2472.7	2500	98.9	90 - 110	P	04/28/2016	19:47	LB81325
	Chromium	940.96	1000	94.1	90 - 110	P	04/28/2016	19:47	LB81325
	Lead	4852.3	5000	97	90 - 110	P	04/28/2016	19:47	LB81325
	Selenium	4968.2	5000	99.4	90 - 110	P	04/28/2016	19:47	LB81325
	Silver	1187.9	1250	95	90 - 110	P	04/28/2016	19:47	LB81325

Metals

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CRDL STANDARD FOR AA & ICP

Client: LaBella Associates P.C. **SDG No.:** H2730
Contract: LABE01 **Lab Code:** CHEM **Case No.:** H2730 **SAS No.:** H2730
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Arsenic	22.89	20.0	114.5	40 - 160	P	04/27/2016	11:30	LB81285
	Barium	99.38	100	99.4	40 - 160	P	04/27/2016	11:30	LB81285
	Cadmium	5.98	6.0	99.7	40 - 160	P	04/27/2016	11:30	LB81285
	Chromium	9.76	10.0	97.6	40 - 160	P	04/27/2016	11:30	LB81285
	Lead	10.51	12.0	87.6	40 - 160	P	04/27/2016	11:30	LB81285
	Selenium	20.12	20.0	100.6	40 - 160	P	04/27/2016	11:30	LB81285
	Silver	10.25	10.0	102.5	40 - 160	P	04/27/2016	11:30	LB81285
CRA	Mercury	0.1917	0.2	95.9	40 - 160	CV	04/27/2016	16:50	LB81288
CRI01	Arsenic	21.1	20.0	105.5	40 - 160	P	04/28/2016	11:09	LB81325
	Barium	104.44	100	104.4	40 - 160	P	04/28/2016	11:09	LB81325
	Cadmium	5.87	6.0	97.8	40 - 160	P	04/28/2016	11:09	LB81325
	Chromium	9.53	10.0	95.3	40 - 160	P	04/28/2016	11:09	LB81325
	Lead	10.75	12.0	89.6	40 - 160	P	04/28/2016	11:09	LB81325
	Selenium	19.34	20.0	96.7	40 - 160	P	04/28/2016	11:09	LB81325
	Silver	9.36	10.0	93.6	40 - 160	P	04/28/2016	11:09	LB81325



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	LaBella Associates P.C.	SDG No.:	H2730				
Contract:	LABE01	Lab Code:	CHEM	Case No.:	H2730	SAS No.:	H2730

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB26	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	16:43	LB81288

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C. SDG No.: H2730
Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB12	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	16:48	LB81288
CCB13	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	17:15	LB81288
CCB14	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	17:43	LB81288
CCB15	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	18:10	LB81288
CCB16	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	18:37	LB81288
CCB17	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	19:05	LB81288
CCB18	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	19:32	LB81288
CCB19	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	19:48	LB81288
CCB20	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	04/27/2016	20:09	LB81288

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C. SDG No.: H2730
Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	11:22	LB81285
	Barium	100	+/-100	U	50.0	100	P	04/27/2016	11:22	LB81285
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	04/27/2016	11:22	LB81285
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	11:22	LB81285
	Lead	12.0	+/-12.0	U	6.0	12.0	P	04/27/2016	11:22	LB81285
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	11:22	LB81285
	Silver	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	11:22	LB81285

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2730

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	11:51	LB81285
	Barium	100	+/-100	U	50.0	100	P	04/27/2016	11:51	LB81285
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	04/27/2016	11:51	LB81285
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	11:51	LB81285
	Lead	12.0	+/-12.0	U	6.0	12.0	P	04/27/2016	11:51	LB81285
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	11:51	LB81285
	Silver	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	11:51	LB81285
CCB02	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	12:51	LB81285
	Barium	100	+/-100	U	50.0	100	P	04/27/2016	12:51	LB81285
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	04/27/2016	12:51	LB81285
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	12:51	LB81285
	Lead	12.0	+/-12.0	U	6.0	12.0	P	04/27/2016	12:51	LB81285
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	12:51	LB81285
	Silver	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	12:51	LB81285
CCB03	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	13:40	LB81285
	Barium	100	+/-100	U	50.0	100	P	04/27/2016	13:40	LB81285
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	04/27/2016	13:40	LB81285
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	13:40	LB81285
	Lead	12.0	+/-12.0	U	6.0	12.0	P	04/27/2016	13:40	LB81285
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	13:40	LB81285
	Silver	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	13:40	LB81285
CCB04	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	14:30	LB81285
	Barium	100	+/-100	U	50.0	100	P	04/27/2016	14:30	LB81285
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	04/27/2016	14:30	LB81285
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	14:30	LB81285
	Lead	12.0	+/-12.0	U	6.0	12.0	P	04/27/2016	14:30	LB81285
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	14:30	LB81285
	Silver	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	14:30	LB81285
CCB05	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	15:23	LB81285
	Barium	100	+/-100	U	50.0	100	P	04/27/2016	15:23	LB81285
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	04/27/2016	15:23	LB81285
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	15:23	LB81285
	Lead	12.0	+/-12.0	U	6.0	12.0	P	04/27/2016	15:23	LB81285
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	15:23	LB81285
	Silver	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	15:23	LB81285
CCB06	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	16:12	LB81285
	Barium	100	+/-100	U	50.0	100	P	04/27/2016	16:12	LB81285
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	04/27/2016	16:12	LB81285
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	16:12	LB81285
	Lead	12.0	+/-12.0	U	6.0	12.0	P	04/27/2016	16:12	LB81285

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2730

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	16:12	LB81285
	Silver	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	16:12	LB81285
CCB07	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	17:03	LB81285
	Barium	100	+/-100	U	50.0	100	P	04/27/2016	17:03	LB81285
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	04/27/2016	17:03	LB81285
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	17:03	LB81285
	Lead	12.0	+/-12.0	U	6.0	12.0	P	04/27/2016	17:03	LB81285
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	17:03	LB81285
	Silver	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	17:03	LB81285
CCB08	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	17:52	LB81285
	Barium	100	+/-100	U	50.0	100	P	04/27/2016	17:52	LB81285
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	04/27/2016	17:52	LB81285
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	17:52	LB81285
	Lead	12.0	+/-12.0	U	6.0	12.0	P	04/27/2016	17:52	LB81285
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	17:52	LB81285
	Silver	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	17:52	LB81285
CCB09	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	18:45	LB81285
	Barium	100	+/-100	U	50.0	100	P	04/27/2016	18:45	LB81285
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	04/27/2016	18:45	LB81285
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	18:45	LB81285
	Lead	12.0	+/-12.0	U	6.0	12.0	P	04/27/2016	18:45	LB81285
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	18:45	LB81285
	Silver	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	18:45	LB81285
CCB10	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	19:35	LB81285
	Barium	100	+/-100	U	50.0	100	P	04/27/2016	19:35	LB81285
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	04/27/2016	19:35	LB81285
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	19:35	LB81285
	Lead	12.0	+/-12.0	U	6.0	12.0	P	04/27/2016	19:35	LB81285
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	19:35	LB81285
	Silver	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	19:35	LB81285
CCB11	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	20:29	LB81285
	Barium	100	+/-100	U	50.0	100	P	04/27/2016	20:29	LB81285
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	04/27/2016	20:29	LB81285
	Chromium	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	20:29	LB81285
	Lead	12.0	+/-12.0	U	6.0	12.0	P	04/27/2016	20:29	LB81285
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	20:29	LB81285
	Silver	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	20:29	LB81285
CCB12	Arsenic	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	21:22	LB81285
	Barium	100	+/-100	U	50.0	100	P	04/27/2016	21:22	LB81285
	Cadmium	6.0	+/-6.0	U	3.0	6.0	P	04/27/2016	21:22	LB81285

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	<u>LaBella Associates P.C.</u>	SDG No.:	<u>H2730</u>
Contract:	<u>LABE01</u>	Lab Code:	<u>CHEM</u>
		Case No.:	<u>H2730</u>
		SAS No.:	<u>H2730</u>

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB12	Chromium	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	21:22	LB81285
	Lead	12.0	+/-12.0	U	6.0	12.0	P	04/27/2016	21:22	LB81285
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/27/2016	21:22	LB81285
	Silver	10.0	+/-10.0	U	5.0	10.0	P	04/27/2016	21:22	LB81285

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2730

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	11:05	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	11:05	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	11:05	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	11:05	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	11:05	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	11:05	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	11:05	LB81325

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C. SDG No.: H2730

Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	12:00	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	12:00	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	12:00	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	12:00	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	12:00	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	12:00	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	12:00	LB81325
CCB02	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	13:05	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	13:05	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	13:05	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	13:05	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	13:05	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	13:05	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	13:05	LB81325
CCB03	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	14:13	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	14:13	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	14:13	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	14:13	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	14:13	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	14:13	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	14:13	LB81325
CCB04	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	15:26	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	15:26	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	15:26	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	15:26	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	15:26	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	15:26	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	15:26	LB81325
CCB05	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	16:27	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	16:27	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	16:27	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	16:27	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	16:27	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	16:27	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	16:27	LB81325
CCB06	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	17:21	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	17:21	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	17:21	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	17:21	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	17:21	LB81325

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C.SDG No.: H2730Contract: LABE01Lab Code: CHEMCase No.: H2730SAS No.: H2730

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	17:21	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	17:21	LB81325
CCB07	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	18:17	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	18:17	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	18:17	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	18:17	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	18:17	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	18:17	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	18:17	LB81325
CCB08	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	19:10	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	19:10	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	19:10	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	19:10	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	19:10	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	19:10	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	19:10	LB81325
CCB09	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	04/28/2016	19:51	LB81325
	Barium	100	+/-100	U	25.0	100	P	04/28/2016	19:51	LB81325
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	04/28/2016	19:51	LB81325
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	19:51	LB81325
	Lead	12.0	+/-12.0	U	3.0	12.0	P	04/28/2016	19:51	LB81325
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	04/28/2016	19:51	LB81325
	Silver	10.0	+/-10.0	U	2.5	10.0	P	04/28/2016	19:51	LB81325

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2730

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2730

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB90122BL		SOLID		Batch Number:		PB90122		Prep Date:	04/27/2016	
	Mercury	0.013	<0.013	U	0.007	0.013	CV	04/27/2016	16:57	LB81288

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2730

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	LOD mg/Kg	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB90121BL		SOLID		Batch Number:		PB90121		Prep Date:	04/27/2016	
	Arsenic	0.976	<0.976	U	0.244	0.976	P	04/28/2016	15:12	LB81325
	Barium	4.88	<4.88	U	1.22	4.88	P	04/28/2016	15:12	LB81325
	Cadmium	0.293	<0.293	U	0.073	0.293	P	04/28/2016	15:12	LB81325
	Chromium	0.488	<0.488	U	0.122	0.488	P	04/28/2016	15:12	LB81325
	Lead	0.585	<0.585	U	0.244	0.585	P	04/28/2016	15:12	LB81325
	Selenium	0.976	<0.976	U	0.244	0.976	P	04/28/2016	15:12	LB81325
	Silver	0.488	<0.488	U	0.122	0.488	P	04/28/2016	15:12	LB81325

Metals

- 4 -

INTERFERENCE CHECK SAMPLE

Client: LaBella Associates P.C. **SDG No.:** H2730
Contract: LABE01 **Lab Code:** CHEM **Case No.:** H2730 **SAS No.:** H2730
ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	9.21			-20	20	04/27/2016	11:34	LB81285
	Barium	4.36	6.0	72.7	-94	106	04/27/2016	11:34	LB81285
	Cadmium	0.98	1.0	98	-5	7	04/27/2016	11:34	LB81285
	Chromium	57.5	52.0	110.6	42	62	04/27/2016	11:34	LB81285
	Lead	4.76			-12	12	04/27/2016	11:34	LB81285
	Selenium	7.69			-20	20	04/27/2016	11:34	LB81285
	Silver	-7.9			-10	10	04/27/2016	11:34	LB81285
ICSAB01	Arsenic	106	104	101.9	83	125	04/27/2016	11:39	LB81285
	Barium	501	537	93.3	337	737	04/27/2016	11:39	LB81285
	Cadmium	1020	972	104.9	778	1166	04/27/2016	11:39	LB81285
	Chromium	560	542	103.3	434	650	04/27/2016	11:39	LB81285
	Lead	51.7	49.0	105.5	39	59	04/27/2016	11:39	LB81285
	Selenium	58.3	46.0	126.7	11	81	04/27/2016	11:39	LB81285
	Silver	212	201	105.5	161	241	04/27/2016	11:39	LB81285
ICSA01	Arsenic	8.65			-20	20	04/28/2016	11:13	LB81325
	Barium	7.25	6.0	120.8	-94	106	04/28/2016	11:13	LB81325
	Cadmium	0.72	1.0	72	-5	7	04/28/2016	11:13	LB81325
	Chromium	54.8	52.0	105.4	42	62	04/28/2016	11:13	LB81325
	Lead	-4.5			-12	12	04/28/2016	11:13	LB81325
	Selenium	4.19			-20	20	04/28/2016	11:13	LB81325
	Silver	-7			-10	10	04/28/2016	11:13	LB81325
ICSAB01	Arsenic	111	104	106.7	83	125	04/28/2016	11:18	LB81325
	Barium	527	537	98.1	337	737	04/28/2016	11:18	LB81325
	Cadmium	1020	972	104.9	778	1166	04/28/2016	11:18	LB81325
	Chromium	542	542	100	434	650	04/28/2016	11:18	LB81325
	Lead	41.5	49.0	84.7	39	59	04/28/2016	11:18	LB81325
	Selenium	49.8	46.0	108.3	11	81	04/28/2016	11:18	LB81325
	Silver	209	201	104	161	241	04/28/2016	11:18	LB81325

METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: LaBella Associates P.C. level: low sdg no.: H2730
contract: LABE01 lab code: CHEM case no.: H2730 sas no.: H2730
matrix: Solid sample id: H2713-01 client id: EUT01-B6B9B11B15B10-CMS
Percent Solids for Sample: 91 Spiked ID: H2713-01MS Percent Solids for Spike Sample: 91

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	39.3		4.39		37.4	93		P
Barium	mg/Kg	75 - 125	77.4		73.3		9.4	44		P
Cadmium	mg/Kg	75 - 125	10.13		0.22	J	9.4	105		P
Chromium	mg/Kg	75 - 125	32.3		15.6		18.7	89		P
Lead	mg/Kg	75 - 125	159		97.2		46.8	132	N	P
Selenium	mg/Kg	75 - 125	81.2		0.266	J	93.5	87		P
Silver	mg/Kg	75 - 125	1.6		0.47	U	3.5	45.7	N	P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LaBella Associates P.C. **level:** low **sdg no.:** H2730
contract: LABE01 **lab code:** CHEM **case no.:** H2730 **sas no.:** H2730
matrix: Solid **sample id:** H2713-01 **client id:** EUT01-B6B9B11B15B10-CMSD
Percent Solids for Sample: 91 **Spiked ID:** H2713-01MSD **Percent Solids for Spike Sample:** 91

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	mg/Kg	75 - 125	39		4.39		37.3	93		P
Barium	mg/Kg	75 - 125	77.7		73.3		9.3	47		P
Cadmium	mg/Kg	75 - 125	10.12		0.22	J	9.3	106		P
Chromium	mg/Kg	75 - 125	32.3		15.6		18.6	90		P
Lead	mg/Kg	75 - 125	158		97.2		46.6	130	N	P
Selenium	mg/Kg	75 - 125	80.3		0.266	J	93.1	86		P
Silver	mg/Kg	75 - 125	1.54		0.47	U	3.5	44	N	P

metals
- 5a -
MATRIX SPIKE SUMMARY

client:	<u>LaBella Associates P.C.</u>	level:	<u>low</u>	sdg no.:	<u>H2730</u>
contract:	<u>LABE01</u>	lab code:	<u>CHEM</u>	case no.:	<u>H2730</u>
matrix:	<u>Solid</u>	sample id:	<u>H2724-07</u>	client id:	<u>TH-B4(0-5)-CMS</u>
Percent Solids for Sample:	90.8	Spiked ID:	H2724-07MS	Percent Solids for Spike Sample:	90.8

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.436		0.174		0.28	94		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>LaBella Associates P.C.</u>	level:	<u>low</u>	sdg no.:	<u>H2730</u>
contract:	<u>LABE01</u>	lab code:	<u>CHEM</u>	case no.:	<u>H2730</u>
matrix:	<u>Solid</u>	sample id:	<u>H2724-07</u>	client id:	<u>TH-B4(0-5)-CMSD</u>
Percent Solids for Sample:	<u>90.8</u>	Spiked ID:	<u>H2724-07MSD</u>	Percent Solids for Spike Sample:	<u>90.8</u>

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 124	0.413		0.174		0.26	92		CV

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2730

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

Matrix: Solid

Level: LOW

Client ID: EUT01-B6B9B11B15B10-CA

Sample ID: H2713-01

Spiked ID: H2713-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Lead	mg/Kg	75 - 125	143		97.2		47.0	97		P
Silver	mg/Kg	75 - 125	2.17		0.47	U	3.5	62		P

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LaBella Associates P.C. **Level:** LOW **SDG No.:** H2730
Contract: LABE01 **Lab Code:** CHEM **Case No.:** H2730 **SAS No.:** H2730
Matrix: Solid **Sample ID:** H2713-01 **Client ID:** EUT01-B6B9B11B15B10-CDUP
Percent Solids for Sample: 91 **Duplicate ID** H2713-01DUP **Percent Solids for Spike Sample:** 91

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	mg/Kg	20	4.39		4.47		2		P
Barium	mg/Kg	20	73.3		73.5		0		P
Cadmium	mg/Kg	20	0.22	J	0.193	J	13		P
Chromium	mg/Kg	20	15.6		15.7		1		P
Lead	mg/Kg	20	97.2		97.7		1		P
Selenium	mg/Kg	20	0.266	J	0.413	J	43		P
Silver	mg/Kg	20	0.47	U	0.472	U			P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LaBella Associates P.C. **Level:** LOW **SDG No.:** H2730
Contract: LABE01 **Lab Code:** CHEM **Case No.:** H2730 **SAS No.:** H2730
Matrix: Solid **Sample ID:** H2713-01MS **Client ID:** EUT01-B6B9B11B15B10-CMSD
Percent Solids for Sample: 91 **Duplicate ID** H2713-01MSD **Percent Solids for Spike Sample:** 91

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	mg/Kg	20	39.3		39		1		P
Barium	mg/Kg	20	77.4		77.7		0		P
Cadmium	mg/Kg	20	10.13		10.12		0		P
Chromium	mg/Kg	20	32.3		32.3		0		P
Lead	mg/Kg	20	159		158		1		P
Selenium	mg/Kg	20	81.2		80.3		1		P
Silver	mg/Kg	20	1.6		1.54		4		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: LaBella Associates P.C. **Level:** LOW **SDG No.:** H2730
Contract: LABE01 **Lab Code:** CHEM **Case No.:** H2730 **SAS No.:** H2730
Matrix: Solid **Sample ID:** H2724-07 **Client ID:** TH-B4(0-5)-CDUP
Percent Solids for Sample: 90.8 **Duplicate ID** H2724-07DUP **Percent Solids for Spike Sample:** 90.8

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.174		0.16		8		CV

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client:	<u>LaBella Associates P.C.</u>	Level:	<u>LOW</u>	SDG No.:	<u>H2730</u>				
Contract:	<u>LABE01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>H2730</u>	SAS No.:	<u>H2730</u>		
Matrix:	<u>Solid</u>	Sample ID:	<u>H2724-07MS</u>	Client ID:	<u>TH-B4(0-5)-CMSD</u>				
Percent Solids for Sample:	<u>90.8</u>	Duplicate ID	<u>H2724-07MSD</u>	Percent Solids for Spike Sample:	<u>90.8</u>				

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.436		0.413		5		CV

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

- 7 -

LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>LaBella Associates P.C.</u>	SDG No.:	<u>H2730</u>
Contract:	<u>LABE01</u>	Lab Code:	<u>CHEM</u>
		Case No.:	<u>H2730</u>
		SAS No.:	<u>H2730</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB90122BS Mercury	mg/Kg	0.27	0.249		92.2	80 - 124	CV

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

EUT01-B6B9B11B15B10-CL

Lab Name: Chemtech Consulting Group

Contract: LABE01

Lab Code: CHEM Lb No.: lb81285 Lab Sample ID : H2713-01L SDG No.: H2730

Matrix (soil/water): Solid Level (low/med): LOW

Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence		Q	M
	C		C					
Arsenic	4.39		2.65	J	40			P
Barium	73.3		19.9	J	73			P
Cadmium	0.22	J	0.676	J	207			P
Chromium	15.6		6.53		58			P
Lead	97.2		59.3		39			P
Selenium	0.266	J	4.7	U	100.0			P
Silver	0.47	U	2.35	U				P

Metals
-9 -
ICP SERIAL DILUTIONS

SAMPLE NO.

TH-B4(0-5)-CL

Lab Name: Chemtech Consulting Group **Contract:** LABE01
Lab Code: CHEM **Lb No.:** lb81288 **Lab Sample ID :** H2724-07L **SDG No.:** H2730
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I) C	Serial Dilution Result (S) C	% Differ- ence	Q	M
Mercury	0.174	0.168	3		CV

METAL PREPARATION & INSTRUMENT DATA

Metals
- 10 -

Client:	LaBella Associates P.C.	SDG No.:	H2730
Contract:	LABE01	Lab Code:	CHEM
Instrument ID:	P4	Case No.:	H2730
		SAS No.:	H2730
		Preparation Method:	

Analyte	Wave- length (nm)	MDL	LOD	PQL	Date:
SOLIDS					
Method:	6010C				
Arsenic	189.04	0.25	0.25	1	
Barium	493.41	0.40	1.25	5	
Cadmium	226.50	0.060	0.075	0.3	
Chromium	267.72	0.125	0.125	0.5	
Lead	220.35	0.12	0.25	0.6	
Selenium	196.02	0.25	0.25	1	
Silver	328.07	0.125	0.125	0.5	

Metals
- 10 -

Client: LaBella Associates P.C. SDG No.: H2730
Contract: LABE01 Lab Code: CHEM Case No.: H2730 SAS No.: H2730
Instrument ID: CV1 Preparation Method:

Analyte	Wave- length (nm)	MDL	LOD	PQL	Date:
SOLIDS					
Method: Mercury	7471A 253.70	0.0050	0.005	0.01	

Metals
- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: LaBella Associates P.C.

SDG No.: H2730

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0001030	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000840	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0001070	0.0000000	0.0000280	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001280	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001170	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: LaBella Associates P.C.

SDG No.: H2730

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0002660
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: LaBella Associates P.C.

SDG No.: H2730

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0011220	0.0000000	0.0000000	0.0000000	0.0015300
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000600
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0002280	0.0000000
Lead	220.353	-0.0003060	0.0000000	0.0000000	0.0001250	-0.0013650
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0006680	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: LaBella Associates P.C.

SDG No.: H2730

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	-0.0000930	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0002444	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: LaBella Associates P.C.

SDG No.: H2730

Contract: LABE01

Lab Code: CHEM

Case No.: H2730

SAS No.: H2730

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	-0.0040370	0.0000000

Metals
- 12 -
LINEAR RANGES

Client: <u>LaBella Associates P.C.</u>	SDG No.: <u>H2730</u>	
Contract: <u>LABE01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>H2730</u> SAS No.: <u>H2730</u>
Instrument ID: <u>P4</u>	Date: <u>02/20/2015</u>	

Analyte	Integration	LDR
	Time (sec)	
		ug/L
Arsenic	10	90000
Barium	10	100000
Cadmium	10	10000
Chromium	10	85000
Lead	10	280000
Selenium	10	45000
Silver	10	8500

METAL PREPARATION & ANALYICAL SUMMARY

Metals
- 13 -

SAMPLE PREPARATION SUMMARY

Client: <u>LaBella Associates P.C.</u>	SDG No.: <u>H2730</u>	
Contract: <u>LABE01</u>	Lab Code: <u>CHEM</u>	Method: <u></u>
	Case No.: <u>H2730</u>	SAS No.: <u>H2730</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB90121							
H2713-01DUP	EUT01-B6B9B11B15B10-CDUP	DUP	SOLID	04/27/2016	2.33	100.0	91.00
H2713-01MS	EUT01-B6B9B11B15B10-CMS	MS	SOLID	04/27/2016	2.35	100.0	91.00
H2713-01MSD	EUT01-B6B9B11B15B10-CMSD	MSD	SOLID	04/27/2016	2.36	100.0	91.00
H2730-01	STOCKPILE-1	SAM	SOLID	04/27/2016	2.36	100.0	75.40
H2730-02	STOCKPILE-2	SAM	SOLID	04/27/2016	2.32	100.0	78.80
PB90121BL	PB90121BL	MB	SOLID	04/27/2016	2.05	100.0	100.00
PB90121BS	PB90121BS	LCS	SOLID	04/27/2016	2.04	100.0	100.00

Metals
- 13 -

SAMPLE PREPARATION SUMMARY

Client: <u>LaBella Associates P.C.</u>	SDG No.: <u>H2730</u>	
Contract: <u>LABE01</u>	Lab Code: <u>CHEM</u>	Method: <u> </u>
	Case No.: <u>H2730</u>	SAS No.: <u>H2730</u>

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB90122							
H2724-07DUP	TH-B4(0-5)-CDUP	DUP	SOLID	04/27/2016	0.57	35.0	90.80
H2724-07MS	TH-B4(0-5)-CMS	MS	SOLID	04/27/2016	0.56	35.0	90.80
H2724-07MSD	TH-B4(0-5)-CMSD	MSD	SOLID	04/27/2016	0.59	35.0	90.80
H2730-01	STOCKPILE-1	SAM	SOLID	04/27/2016	0.56	35.0	75.40
H2730-02	STOCKPILE-2	SAM	SOLID	04/27/2016	0.51	35.0	78.80
PB90122BL	PB90122BL	MB	SOLID	04/27/2016	0.52	35.0	100.00
PB90122BS	PB90122BS	LCS	SOLID	04/27/2016	0.51	35.0	100.00

metals
- 14 -
ANALYSIS RUN LOG

Client: LaBella Associates P.C.
Contract: LABE01
Lab code: CHEM **Case no.:** H2730 **Sas no.:** H2730
Sdg no.: H2730
Instrument id number: **Method:**
Run number: LB81285
Start date: 04/27/2016 **End date:** 04/27/2016

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1050	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1054	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1058	,
S3	S3	1	1102	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1106	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1110	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1114	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1118	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1122	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1130	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1134	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1139	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1143	Ag,As,Ba,Cd,Cr,Pb,Se
LLCCV01	LLCCV01	1	1147	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1151	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1247	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1251	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1336	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1340	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1426	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1430	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1515	Ag,As,Ba,Cd,Cr,Pb,Se
LLCCV02	LLCCV02	1	1519	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1523	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1608	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1612	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1655	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1703	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	1748	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	1752	Ag,As,Ba,Cd,Cr,Pb,Se
CCV09	CCV09	1	1837	Ag,As,Ba,Cd,Cr,Pb,Se
LLCCV03	LLCCV03	1	1841	Ag,As,Ba,Cd,Cr,Pb,Se
CCB09	CCB09	1	1845	Ag,As,Ba,Cd,Cr,Pb,Se
CCV10	CCV10	1	1931	Ag,As,Ba,Cd,Cr,Pb,Se
CCB10	CCB10	1	1935	Ag,As,Ba,Cd,Cr,Pb,Se
H2713-01DUP	EUT01-B6B9B11B15B10-CDUI	1	2012	Ag,As,Ba,Cd,Cr,Pb,Se
H2713-01L	EUT01-B6B9B11B15B10-CL	5	2017	Ag,As,Ba,Cd,Cr,Pb,Se
CCV11	CCV11	1	2021	Ag,As,Ba,Cd,Cr,Pb,Se
LLCCV04	LLCCV04	1	2025	Ag,As,Ba,Cd,Cr,Pb,Se
CCB11	CCB11	1	2029	Ag,As,Ba,Cd,Cr,Pb,Se
H2713-01MS	EUT01-B6B9B11B15B10-CMS	1	2033	Ag,As,Ba,Cd,Cr,Pb,Se
H2713-01MSD	EUT01-B6B9B11B15B10-CMSI	1	2037	Ag,As,Ba,Cd,Cr,Pb,Se
H2713-01A	EUT01-B6B9B11B15B10-CA	1	2041	Ag,Pb

metals

- 14 -

ANALYSIS RUN LOG

Client: LaBella Associates P.C.

Contract: LABE01

Lab code: CHEM Case no.: H2730 Sas no.: H2730

Sdg no.: H2730

Instrument id number: Method:

Run number: LB81285

Start date: 04/27/2016 End date: 04/27/2016

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCV12	CCV12	1	2113	Ag,As,Ba,Cd,Cr,Pb,Se
LLCCV05	LLCCV05	1	2117	Ag,As,Ba,Cd,Cr,Pb,Se
CCB12	CCB12	1	2122	Ag,As,Ba,Cd,Cr,Pb,Se

metals
- 14 -
ANALYSIS RUN LOG

Client: LaBella Associates P.C.
Contract: LABE01
Lab code: CHEM **Case no.:** H2730 **Sas no.:** H2730
Sdg no.: H2730
Instrument id number: **Method:**
Run number: LB81288
Start date: 04/27/2016 **End date:** 04/27/2016

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0.0	1	1626	HG
S0.2	S0.2	1	1629	HG
S2.5	S2.5	1	1631	HG
S5	S5.0	1	1633	HG
S7.5	S7.5	1	1636	HG
S10	S10.0	1	1638	HG
ICV26	ICV26	1	1641	HG
ICB26	ICB26	1	1643	HG
CCV12	CCV12	1	1645	HG
CCB12	CCB12	1	1648	HG
CRA	CRA	1	1650	HG
PB90122BL	PB90122BL	1	1657	HG
PB90122BS	PB90122BS	1	1659	HG
CCV13	CCV13	1	1713	HG
CCB13	CCB13	1	1715	HG
H2724-07DUP	TH-B4(0-5)-CDUP	1	1729	HG
H2724-07MS	TH-B4(0-5)-CMS	1	1731	HG
H2724-07MSD	TH-B4(0-5)-CMSD	1	1733	HG
H2730-01	STOCKPILE-1	1	1738	HG
CCV14	CCV14	1	1740	HG
CCB14	CCB14	1	1743	HG
H2730-02	STOCKPILE-2	1	1745	HG
CCV15	CCV15	1	1808	HG
CCB15	CCB15	1	1810	HG
CCV16	CCV16	1	1835	HG
CCB16	CCB16	1	1837	HG
CCV17	CCV17	1	1902	HG
CCB17	CCB17	1	1905	HG
CCV18	CCV18	1	1930	HG
CCB18	CCB18	1	1932	HG
CCV19	CCV19	1	1946	HG
CCB19	CCB19	1	1948	HG
H2724-07L	TH-B4(0-5)-CL	5	1950	HG
CCV20	CCV20	1	2006	HG
CCB20	CCB20	1	2009	HG

metals
- 14 -
ANALYSIS RUN LOG

Client: LaBella Associates P.C.
Contract: LABE01
Lab code: CHEM **Case no.:** H2730 **Sas no.:** H2730
Sdg no.: H2730
Instrument id number: **Method:**
Run number: LB81325
Start date: 04/28/2016 **End date:** 04/28/2016

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1021	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1025	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1029	,
S3	S3	1	1033	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1037	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1041	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1045	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1101	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1105	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1109	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1113	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1118	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1134	Ag,As,Ba,Cd,Cr,Pb,Se
LLCCV01	LLCCV01	1	1155	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1200	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1302	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1305	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1409	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1413	Ag,As,Ba,Cd,Cr,Pb,Se
PB90121BS	PB90121BS	1	1504	Ag,As,Ba,Cd,Cr,Pb,Se
PB90121BL	PB90121BL	1	1512	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1520	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1526	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1616	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1627	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1713	Ag,As,Ba,Cd,Cr,Pb,Se
LLCCV02	LLCCV02	1	1717	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1721	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1813	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1817	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	1902	Ag,As,Ba,Cd,Cr,Pb,Se
LLCCV03	LLCCV03	1	1906	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	1910	Ag,As,Ba,Cd,Cr,Pb,Se
CCV09	CCV09	1	1947	Ag,As,Ba,Cd,Cr,Pb,Se
CCB09	CCB09	1	1951	Ag,As,Ba,Cd,Cr,Pb,Se

SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number 035353

H2730

CLIENT INFORMATION			CLIENT PROJECT INFORMATION			CLIENT BILLING INFORMATION													
REPORT TO BE SENT TO:			PROJECT NAME:			BILL TO:													
COMPANY: <u>Labella Associates</u>			PROJECT NO.: <u>211051</u>			LOCATION: <u>Nagema</u>													
ADDRESS: <u>300 Pearl Street Suite 13</u>			PROJECT MANAGER: <u>Adam Zebrowski</u>			ADDRESS:													
CITY: <u>Buffalo</u> STATE: <u>NY</u> ZIP: <u>14202</u>			e-mail: <u>azebrowski@labellapr.com</u>			CITY: STATE: ZIP:													
ATTENTION: <u>Adam Zebrowski</u>			PHONE:			ATTENTION: PHONE:													
PHONE: <u>716-551-6281</u> FAX: <u>716-551-6282</u>			FAX:			ANALYSIS													
DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION																
FAX: DAYS *			☐ LEVEL 1: Results only ☐ Others																
HARD COPY: DAYS *			☐ LEVEL 2: Results + QC																
EDD: DAYS *			☐ LEVEL 3: Results (plus results raw data) + QC																
PREAPPROVED TAT: ☐ YES ☐ NO			☐ LEVEL 4: Results + QC (all raw data)																
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS			☐ EDD Format:																
						CP-51-TC-1009 F CP-51-0005-110 Pesticides PEBS PCKA Metals													
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS		
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9			
1.	Stockpile #1	801			X	4/22/16	1000	X	X	X	X	X							
2.	Stockpile #2	801			X	4/22/16	1000	X	X	X	X	X							Hold
3.																			
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY																			
RELINQUISHED BY SAMPLE #1: <u>Adam Zebrowski</u>		DATE/TIME: <u>4/22/16</u>		RECEIVED BY: <u>UPS</u>		Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant		Cooler Temp.:											
RELINQUISHED BY: <u>UPS</u>		DATE/TIME: <u>4/25/16</u>		RECEIVED BY: <u>UPS</u>		Comments:		Ice in Cooler?:											
RELINQUISHED BY: <u>UPS</u>		DATE/TIME: <u>4/25/16</u>		RECEIVED FOR LAB BY: <u>UPS</u>		Page <u>1</u> of <u>1</u>		SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT		CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT		Shipment Complete: ☒ YES ☐ NO							

Revision 8/2007

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

From: Dombrowski, Jessica <JDombrowski@LaBellaPC.com>
Sent: Tuesday, April 26, 2016 11:17 AM
To: Jordan@chemtech.net
Subject: 4185 Military Road, Niagara, New York Phase II ESA - "HOLD" samples

Jordan:

The two samples received with "HOLD" can be run. I thought the tera core had a 48 hour hold time? Please let me know as I will be out at the Site tomorrow to collect the groundwater samples and if I need to re-collect these samples, I will do that.

Thanks!

Jessica

Jessica Dombrowski

Environmental Analyst
LaBella Associates, D.P.C.
Direct: 716-710-3038 | jdombrowski@labellapc.com

From: Zebrowski, Adam
Sent: Monday, April 25, 2016 12:04 PM
To: Dombrowski, Jessica
Subject: FW: Bottle Order - 4185 Military Road, Niagara, New York Phase II ESA

This is our account rep

Adam Zebrowski

LaBella Associates, D.P.C.
Direct: 716-840-2548 | azebrowski@labellapc.com

From: Jordan Hedvat [<mailto:Jordan@chemtech.net>]
Sent: Monday, April 25, 2016 12:03 PM
To: Dombrowski, Jessica
Cc: Zebrowski, Adam
Subject: RE: Bottle Order - 4185 Military Road, Niagara, New York Phase II ESA

Hi Jessica,

I apologize that there wasn't even bottleware, we will be sure to pack extra next time. For the soil samples received, can you please let me know the following:

- 1) Turnaround time (TAT) required?
 - 2) Would like all the samples logged under the same SDG? (COC attached for your reference)
(I was confused if the 3rd page was to be logged separately or not)
- Please also note that for the 2 samples received with "HOLD," the holding time is 14 days. Please let us know 1-2 days before that time if you would like to activate samples.

Thank you,

Jordan Hedvat

CHEMTECH

284 Sheffield St. | Mountainside, NJ 07092

Direct: (908) 728-3144

jordan@chemtech.net | www.chemtech.net

Your Opinion Matters! Please Give Us Your [Feedback](#)

From: Dombrowski, Jessica [<mailto:JDombrowski@LaBellaPC.com>]

Sent: Saturday, April 23, 2016 7:40 PM

To: Jordan@chemtech.net

Cc: Zebrowski, Adam

Subject: FW: Bottle Order - 4185 Military Road, Niagara, New York Phase II ESA

Jordan:

Just a heads up, for the soil sampling, I needed 7 samples for surface soils in addition to 7 samples for subsurface sampling. I only had enough for one set of the soil samples (I used that set for the surface samples, Dup and MS/MSD). I had to scrounge up what I could from our office to submit the second set. I should have caught it earlier so you could have gotten me the jars, but I didn't realize it until I was ready to jar samples.

In addition, you will find two samples submitted from a stockpile on-Site (Stockpile #1 and Stockpile #2). They say "hold" on the COC because we don't have approval from our client yet.

If you have any questions, please let me know. I didn't have 8 oz. jars, so I used two 4 oz. per sample.

Jessica

Jessica Dombrowski

Environmental Analyst

LaBella Associates, D.P.C.

Direct: 716-710-3038 | jdombrowski@labellapc.com

From: Jordan Hedvat [<mailto:Jordan@chemtech.net>]

Sent: Friday, April 15, 2016 10:13 AM

To: Dombrowski, Jessica

Cc: Zebrowski, Adam

Subject: RE: Bottle Order - 4185 Military Road, Niagara, New York Phase II ESA

Hi Jessica,

I'm going over your request and will be in touch with the bottle order confirmation shortly.

Thank you,

Jordan Hedvat

CHEMTECH

284 Sheffield St. | Mountainside, NJ 07092

Direct: (908) 728-3144

jordan@chemtech.net | www.chemtech.net

Your Opinion Matters! Please Give Us Your [Feedback](#)

From: Dombrowski, Jessica [<mailto:JDombrowski@LaBellaPC.com>]
Sent: Thursday, April 14, 2016 7:07 PM
To: Karen@chemtech.net
Cc: Zebrowski, Adam
Subject: Bottle Order - 4185 Military Road, Niagara, New York Phase II ESA

Karen:

LaBella was awarded a Phase II Environmental Site Assessment for the property located at 4185 Military Road, Niagara, New York. We will be advancing test pits at the Site on Thursday and Friday (4/21 and 4/22) and will also be performing a soil vapor intrusion assessment on Thursday 4/21. Additionally, Labella will be installing monitoring wells on-Site and will most likely collect groundwater samples on Wednesday 4/27.

I will need sample containers for the following tasks/analysis:

Test Pits - Soil

1. **Three (3)** soil samples for the analysis of:
 - a. CP-51 VOCs plus TICs via USEPA Method 8260
 - b. CP-51 SVOCs plus TICs 70
2. **Seven (7)** surface soil samples and **seven (7)** subsurface soil samples for the analysis of:
 - a. TCL VOCs plus TICs via USEPA Method 8260
 - b. TCL SVOCs plus TICs via USEPA Method 8270
 - c. TCL Pesticides via USEPA Method 8081
 - d. RCRA Metals via USEPA Methods 6010 and 7471

Soil Vapor Intrusion – Air

1. **Seven (7)** summa canisters and regulators (4-Hour Test):
 - a. **Three (3)** Sub Slab Vapor Points, **Three (3)** Indoor Air Sampling points, and **One (1)** Outdoor Air Sampling Point (Ambient Air Sample)
 - i. For the analysis of VOCs by USEPA Method TO-15 with a Standard 10-day turnaround time.

Groundwater

1. **Four (4)** groundwater samples for the analysis of:
 - a. CP-51 and TCL VOCs plus TICs via USEPA Method 8260
 - b. TCL SVOCs plus TICs via USEPA Method 8270
 - c. TCL Pesticides via USEPA Method 8081
 - e. RCRA Metals via USEPA Methods 6010 and 7471

Additionally, the following QA/QC is also needed:

1. Soil QA/QC
 - a. **One (1)** Trip Blank for VOCs
 - b. **One (1)** Blind Field Duplicate and **one (1)** MS/MSD for VOCs, SVOCs, pesticides, and metals
2. Groundwater QA/QC
 - a. **One (1)** Trip Blank for VOCs
 - b. **One (1)** Blind Field Duplicate and **one (1)** MS/MSD for VOCs, SVOCs, pesticides, and metals

If you have any question or concerns, or just want to discuss anything further, please feel free to contact me. I would prefer if all of this could be sent to our office by Tuesday 4/19 but no later than Wednesday 4/20. Again, any questions, let me know.

Thank you!!

Jessica

Jessica L. Dombrowski

Environmental Analyst

Direct: 716-710-3038 | jdombrowski@labellapc.com

ABELLA ASSOCIATES, D.P.C.

300 Pearl St, Suite 130, Buffalo, NY 14202

Office: 716-551-6281

www.labellapc.com

Relationships. Resources. Results.

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	EP-W-14-030
Connecticut	PH-0649
DOD ELAP (L-A-B)	L2219
Florida	E87935
Louisiana	05035
Maine	2012025
Maryland	296
Massachusetts	M-NJ503
New Hampshire	255413
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-13-00380
Texas	T104704488-13-5

ANALYTICAL RESULTS SUMMARY

METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : 4185 MILITARY ROAD, NIAGARA, NY

LABELLA ASSOCIATES P.C.

300 State Street

Suite 201

Rochester, NY - 14614

Phone No: 585-295-6253

ORDER ID : H2802

ATTENTION : Adam Zebrowski



DoD ELAP

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORM S-1

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sampl ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
MW-1	H2802-01	8260C	8270D		8081B	6010B, 7470A	
MW-2	H2802-04	8260C	8270D		8081B	6010B, 7470A	
MW-3	H2802-05	8260C	8270D		8081B	6010B, 7470A	
MW-4	H2802-06	8260C	8270D		8081B	6010B, 7470A	
DUP	H2802-07	8260C	8270D		8081B	6010B, 7470A	
TRIPBLANK	H2802-08	8260C	8270D		8081B	6010B, 7470A	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIa

SAMPLE PREPARATION AND ANALYSIS SUMMARY SEMIVOLATILE (BNA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
H2802-01	Water	04/27/16	04/29/16	05/02/16	05/06/16
H2802-04	Water	04/27/16	04/29/16	05/02/16	05/06/16
H2802-05	Water	04/27/16	04/29/16	05/02/16	05/06/16
H2802-06	Water	04/27/16	04/29/16	05/02/16	05/06/16
H2802-07	Water	04/27/16	04/29/16	05/02/16	05/06/16

* Details For Test : SVOCMS Group1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY VOLATILE (VOA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
H2802-01	Water	04/27/16	04/29/16		05/06/16
H2802-04	Water	04/27/16	04/29/16		05/06/16
H2802-05	Water	04/27/16	04/29/16		05/06/16
H2802-06	Water	04/27/16	04/29/16		05/06/16
H2802-07	Water	04/27/16	04/29/16		05/06/16
H2802-08	Water	04/27/16	04/29/16		05/06/16

* Details For Test : VOCMS Group3

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIc

SAMPLE PREPARATION AND ANALYSIS SUMMARY PESTICIDE/PCB ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
H2802-01	Water	04/27/16	04/29/16	05/02/16	05/03/16
H2802-04	Water	04/27/16	04/29/16	05/02/16	05/03/16
H2802-05	Water	04/27/16	04/29/16	05/02/16	05/03/16
H2802-06	Water	04/27/16	04/29/16	05/02/16	05/03/16

* Details For Test : Pesticide-TCL

SAMPLE PREPARATION AND ANALYSIS SUMMARY MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
H2802-01	Water	8260C	5030		
H2802-02	Water	8260C	5030		
H2802-03	Water	8260C	5030		
H2802-04	Water	8260C	5030		
H2802-05	Water	8260C	5030		
H2802-06	Water	8260C	5030		
H2802-07	Water	8260C	5030		
H2802-08	Water	8260C	5030		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IV

SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
H2802-01	WATER	Mercury	04/29/16	05/03/16	05/04/16
H2802-04	WATER	Mercury	04/29/16	05/03/16	05/04/16
H2802-05	WATER	Mercury	04/29/16	05/03/16	05/04/16
H2802-06	WATER	Mercury	04/29/16	05/03/16	05/04/16
H2802-07	WATER	Mercury	04/29/16	05/03/16	05/04/16

* Details For Test : Mercury

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL
CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY
MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
H2802-01	Water	8270D	3510		
H2802-02	Water	8270D	3510		
H2802-03	Water	8270D	3510		
H2802-04	Water	8270D	3510		
H2802-05	Water	8270D	3510		
H2802-06	Water	8270D	3510		
H2802-07	Water	8270D	3510		

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL
CONSERVATION**

FORM S-IV

**SAMPLE PREPARATION AND ANALYSIS SUMMARY
INORGANIC ANALYSES**

Laboratory Sample ID	Matrix	Metals Requested	Date Rec'd at Lab	Date Digested	Date Analyzed
H2802-01	WATER	Metals ICP- RCRA	04/29/16	05/05/16	05/05/16
H2802-04	WATER	Metals ICP- RCRA	04/29/16	05/05/16	05/05/16
H2802-05	WATER	Metals ICP- RCRA	04/29/16	05/05/16	05/05/16
H2802-06	WATER	Metals ICP- RCRA	04/29/16	05/05/16	05/05/16
H2802-07	WATER	Metals ICP- RCRA	04/29/16	05/05/16	05/05/16

* Details For Test :Metals ICP-RCRA

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL
CONSERVATION

FORM S-III

SAMPLE PREPARATION AND ANALYSIS SUMMARY
MISCELLANEOUS ORGANIC ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
H2802-01	Water	8081B	3510C		
H2802-02	Water	8081B	3510C		
H2802-03	Water	8081B	3510C		
H2802-04	Water	8081B	3510C		
H2802-05	Water	8081B	3510C		
H2802-06	Water	8081B	3510C		

Cover Page

Order ID : H2802

Project ID : 4185 Military Road, Niagara, NY

Client : LaBella Associates P.C.

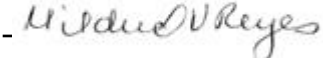
Lab Sample Number

H2802-01
H2802-02
H2802-03
H2802-04
H2802-05
H2802-06
H2802-07
H2802-08

Client Sample Number

MW-1
H2802-01MS
H2802-01MSD
MW-2
MW-3
MW-4
DUP
TRIPBLANK

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : 

APPROVED

Date: 5/13/2016
By Mildred V Reyes, QAQC Supervisor at 3:51 pm, May 13, 2016

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 4185 Military Road, Niagara, NY

Project # N/A

Chemtech Project # H2802

Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:

8 Water samples were received on 04/29/2016.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, Pesticide-TCL, SVOCMS Group1 and VOCMS Group3. This data package contains results for VOCMS Group3.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_N were done using GC column RXI-624SIL MS 30m 0.25mm 1.4 um. Cat#13868. The analysis of VOCMS Group3 was based on method 8260C.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 15% in the Initial Calibration (Method 82N050316W.M) for Chloromethane, Cyclohexane, these compounds are passing on Linear regression.

The Continuous Calibration File ID VN032567.D met the requirements except for Chloromethane, Vinyl Chloride, Bromomethane, Chloroethane and Trichlorofluoromethane .

The Tuning criteria met requirements.

E. Additional Comments:

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 3:50 pm, May 13, 2016

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 4185 Military Road, Niagara, NY

Project # N/A

Chemtech Project # H2802

Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:

8 Water samples were received on 04/29/2016.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, Pesticide-TCL, SVOCMS Group1 and VOCMS Group3. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column RTX-5 which is 20 meters, 0.18 mm ID, 0.36 um df. The analysis of SVOCMS Group1 was based on method 8270D and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS {H2802-02MS} with File ID: BF086731.D recoveries met the requirements for all compounds except for 1,4-Dioxane[28%], 2,3,4,6-Tetrachlorophenol[122%], 3,3-Dichlorobenzidine[0%] and 4-Chloroaniline[8%] .

The MSD {H2802-03MSD} with File ID: BF086732.D recoveries met the acceptable requirements except for 1,4-Dioxane[34%], 3,3-Dichlorobenzidine[0%] and 2,3,4,6-Tetrachlorophenol[124%] .

The RPD for {H2802-03MSD} with File ID: BF086732.D recoveries met criteria except for 4-Chloroaniline[126%], 4-Nitroaniline[28%] and Benzaldehyde[26%] .

The Blank Spike for {PB90240BS} with File ID: BF086780.D met requirements for all samples except for 1,4-Dioxane[62%] .

The Blank analysis did not indicate the presence of lab contamination.

The %RSD is greater than 15% in the Initial Calibration (Method 8270-BF050416.M) for Hexachlorocyclopentadiene, Pentachlorophenol these compounds are passing on Linear regression while 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol these compounds are passing on Quadratic regression.

The Continuous Calibration File ID BF086727.D met the requirements except for Caprolactam, Hexachlorocyclopentadiene, 2,4-Dinitrophenol, Pentachlorophenol, 4,6-Dinitro-2-methylphenol, 3,3-Dichlorobenzidine and Di-n-octyl phthalate

The Continuous Calibration File ID BF086778.D met the requirements except for 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, Pentachlorophenol, Bis(2-

ethylhexyl)phthalate, Di-n-octyl phthalate, Benzo(b)fluoranthene and Benzo(k)fluoranthene .

The Tuning criteria met requirements.

E. Additional Comments:

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <15% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 15% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_ Mildred V Reyes _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 3:50 pm, May 13, 2016

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 4185 Military Road, Niagara, NY

Project # N/A

Chemtech Project # H2802

Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:

8 Water samples were received on 04/29/2016.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, Pesticide-TCL, SVOCMS Group1 and VOCMS Group3. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:

The analyses were performed on instrument GCECD_D. The front column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HM-G017-11 . The rear column is ZBMR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalog # 7HM-G016-17. The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for MW-1 [Tetrachloro-m-xylene(2) - 585%], MW-1MS [Tetrachloro-m-xylene(2) - 580%], MW-1MSD [Tetrachloro-m-xylene(2) - 585%], MW-3 [Tetrachloro-m-xylene(2) - 349%] and MW-4 [Tetrachloro-m-xylene(2) - 905%].

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD recoveries met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

E. Additional Comments:

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature _____ *Mildred V Reyes* _____

APPROVED

By Mildred V Reyes, QAQC Supervisor at 3:50 pm, May 13, 2016

CASE NARRATIVE**LaBella Associates P.C.****Project Name: 4185 Military Road, Niagara, NY****Project # N/A****Chemtech Project # H2802****Test Name: Metals ICP-RCRA,Mercury****A. Number of Samples and Date of Receipt:**

8 Water samples were received on 04/29/2016.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-RCRA, Pesticide-TCL, SVOCMS Group1 and VOCMS Group3. This data package contains results for Metals ICP-RCRA,Mercury.

C. Analytical Techniques:

The analysis of Metals ICP-RCRA was based on method 6010B, digestion based on method 3010 (waters). The analysis and digestion of Mercury was based on method 7470A.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

LLICV and LLCCV is not required for 6010B analytical method.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes**APPROVED**

By Mildred V Reyes, QAQC Supervisor at 3:50 pm, May 13, 2016

LAB CHRONICLE

OrderID:	H2802	OrderDate:	4/29/2016 1:47:00 PM
Client:	LaBella Associates P.C.	Project:	4185 Military Road, Niagara, NY
Contact:	Adam Zebrowski	Location:	F22

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2802-01	MW-1	Water	VOCMS Group3	8260C	04/27/16		05/06/16	04/29/16
H2802-04	MW-2	Water	VOCMS Group3	8260C	04/27/16		05/06/16	04/29/16
H2802-05	MW-3	Water	VOCMS Group3	8260C	04/27/16		05/06/16	04/29/16
H2802-06	MW-4	Water	VOCMS Group3	8260C	04/27/16		05/06/16	04/29/16
H2802-07	DUP	Water	VOCMS Group3	8260C	04/27/16		05/06/16	04/29/16
H2802-08	TRIPBLANK	Water	VOCMS Group3	8260C	04/27/16		05/06/16	04/29/16

Hit Summary Sheet SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	MW-1								
H2802-01	MW-1	Water	Acetone	21.90	J	0.5	2.5	25	ug/L
H2802-01	MW-1	Water	Carbon Disulfide	2.30	J	0.2	0.5	5	ug/L
H2802-01	MW-1	Water	2-Butanone	7.80	J	1.3	2.5	25	ug/L
H2802-01	MW-1	Water	Benzene	1.50	J	0.32	0.5	5	ug/L
H2802-01	MW-1	Water	Toluene	2.70	J	0.37	0.5	5	ug/L
H2802-01	MW-1	Water	Ethyl Benzene	0.26	J	0.2	0.5	5	ug/L
H2802-01	MW-1	Water	m/p-Xylenes	1.40	J	0.95	1	10	ug/L
H2802-01	MW-1	Water	o-Xylene	0.58	J	0.43	0.5	5	ug/L
H2802-01	MW-1	Water	1,2,4-Trimethylbenzene	0.65	J	0.38	0.5	5	ug/L
			Total Voc :	39.09					
			Total Concentration:	39.09					
Client ID:	MW-2								
H2802-04	MW-2	Water	Carbon Disulfide	0.64	J	0.2	0.5	5	ug/L
H2802-04	MW-2	Water	Methylcyclohexane	1.00	J	0.2	0.5	5	ug/L
H2802-04	MW-2	Water	Benzene	1.10	J	0.32	0.5	5	ug/L
H2802-04	MW-2	Water	Toluene	1.80	J	0.37	0.5	5	ug/L
H2802-04	MW-2	Water	Ethyl Benzene	0.20	J	0.2	0.5	5	ug/L
H2802-04	MW-2	Water	m/p-Xylenes	1.00	J	0.95	1	10	ug/L
H2802-04	MW-2	Water	1,2,4-Trimethylbenzene	0.50	J	0.38	0.5	5	ug/L
			Total Voc :	6.24					
			Total Concentration:	6.24					
Client ID:	MW-3								
H2802-05	MW-3	Water	Carbon Disulfide	0.64	J	0.2	0.5	5	ug/L
H2802-05	MW-3	Water	Methylcyclohexane	1.20	J	0.2	0.5	5	ug/L
H2802-05	MW-3	Water	Benzene	0.90	J	0.32	0.5	5	ug/L
H2802-05	MW-3	Water	Toluene	1.70	J	0.37	0.5	5	ug/L
H2802-05	MW-3	Water	m/p-Xylenes	1.20	J	0.95	1	10	ug/L
H2802-05	MW-3	Water	1,2,4-Trimethylbenzene	0.54	J	0.38	0.5	5	ug/L
			Total Voc :	6.18					
			Total Concentration:	6.18					
Client ID:	MW-4								
H2802-06	MW-4	Water	Acetone	27.10		0.5	2.5	25	ug/L
H2802-06	MW-4	Water	Carbon Disulfide	2.70	J	0.2	0.5	5	ug/L
H2802-06	MW-4	Water	2-Butanone	9.30	J	1.3	2.5	25	ug/L
H2802-06	MW-4	Water	Methylcyclohexane	0.42	J	0.2	0.5	5	ug/L
H2802-06	MW-4	Water	Benzene	1.50	J	0.32	0.5	5	ug/L
H2802-06	MW-4	Water	Toluene	3.30	J	0.37	0.5	5	ug/L
H2802-06	MW-4	Water	Ethyl Benzene	0.48	J	0.2	0.5	5	ug/L

Hit Summary Sheet SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
H2802-06	MW-4	Water	m/p-Xylenes	2.30	J	0.95	1	10	ug/L
H2802-06	MW-4	Water	o-Xylene	0.94	J	0.43	0.5	5	ug/L
H2802-06	MW-4	Water	1,2,4-Trimethylbenzene	1.30	J	0.38	0.5	5	ug/L
H2802-06	MW-4	Water	Naphthalene	0.51	J	0.2	0.5	5	ug/L
Total Voc :				49.85					
Total Concentration:				49.85					
Client ID:	DUP								
H2802-07	DUP	Water	Acetone	21.70	J	0.5	2.5	25	ug/L
H2802-07	DUP	Water	Carbon Disulfide	1.70	J	0.2	0.5	5	ug/L
H2802-07	DUP	Water	2-Butanone	6.30	J	1.3	2.5	25	ug/L
H2802-07	DUP	Water	Benzene	1.00	J	0.32	0.5	5	ug/L
H2802-07	DUP	Water	Toluene	2.30	J	0.37	0.5	5	ug/L
H2802-07	DUP	Water	Ethyl Benzene	0.36	J	0.2	0.5	5	ug/L
H2802-07	DUP	Water	m/p-Xylenes	1.70	J	0.95	1	10	ug/L
H2802-07	DUP	Water	o-Xylene	0.71	J	0.43	0.5	5	ug/L
H2802-07	DUP	Water	1,2,4-Trimethylbenzene	1.20	J	0.38	0.5	5	ug/L
Total Voc :				36.97					
Total Concentration:				36.97					

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1	SDG No.:	H2802
Lab Sample ID:	H2802-01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032581.D	1		05/06/16 17:45	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	21.9	J	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	2.3	J	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	7.8	J	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	1.5	J	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	2.7	J	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1	SDG No.:	H2802
Lab Sample ID:	H2802-01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032581.D	1		05/06/16 17:45	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	0.26	J	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	1.4	J	0.95	1	10	ug/L
95-47-6	o-Xylene	0.58	J	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
103-65-1	n-propylbenzene	5	U	0.45	0.5	5	ug/L
108-67-8	1,3,5-Trimethylbenzene	5	U	0.46	0.5	5	ug/L
98-06-6	tert-Butylbenzene	5	U	0.44	0.5	5	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.65	J	0.38	0.5	5	ug/L
135-98-8	sec-Butylbenzene	5	U	0.46	0.5	5	ug/L
99-87-6	p-Isopropyltoluene	5	U	0.43	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
104-51-8	n-Butylbenzene	5	U	0.41	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
91-20-3	Naphthalene	5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	42.6		61 - 141		85%	SPK: 50
1868-53-7	Dibromofluoromethane	46.3		69 - 133		93%	SPK: 50
2037-26-5	Toluene-d8	47.9		65 - 126		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.8		58 - 135		86%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1	SDG No.:	H2802
Lab Sample ID:	H2802-01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032581.D	1		05/06/16 17:45	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	622954	7.75				
540-36-3	1,4-Difluorobenzene	1066130	8.68				
3114-55-4	Chlorobenzene-d5	895393	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	321143	13.47				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-2	SDG No.:	H2802
Lab Sample ID:	H2802-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032582.D	1		05/06/16 18:14	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	25	U	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	0.64	J	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	25	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	1	J	0.2	0.5	5	ug/L
71-43-2	Benzene	1.1	J	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	1.8	J	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-2	SDG No.:	H2802
Lab Sample ID:	H2802-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032582.D	1		05/06/16 18:14	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	0.2	J	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	1	J	0.95	1	10	ug/L
95-47-6	o-Xylene	5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
103-65-1	n-propylbenzene	5	U	0.45	0.5	5	ug/L
108-67-8	1,3,5-Trimethylbenzene	5	U	0.46	0.5	5	ug/L
98-06-6	tert-Butylbenzene	5	U	0.44	0.5	5	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.5	J	0.38	0.5	5	ug/L
135-98-8	sec-Butylbenzene	5	U	0.46	0.5	5	ug/L
99-87-6	p-Isopropyltoluene	5	U	0.43	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
104-51-8	n-Butylbenzene	5	U	0.41	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
91-20-3	Naphthalene	5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	41.7		61 - 141		83%	SPK: 50
1868-53-7	Dibromofluoromethane	46.3		69 - 133		93%	SPK: 50
2037-26-5	Toluene-d8	48.5		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.1		58 - 135		88%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-2	SDG No.:	H2802
Lab Sample ID:	H2802-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032582.D	1		05/06/16 18:14	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	647997	7.75				
540-36-3	1,4-Difluorobenzene	1107180	8.68				
3114-55-4	Chlorobenzene-d5	938656	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	333074	13.47				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-3	SDG No.:	H2802
Lab Sample ID:	H2802-05	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032583.D	1		05/06/16 18:43	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	25	U	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	0.64	J	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	25	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	1.2	J	0.2	0.5	5	ug/L
71-43-2	Benzene	0.9	J	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	1.7	J	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-3	SDG No.:	H2802
Lab Sample ID:	H2802-05	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032583.D	1		05/06/16 18:43	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	1.2	J	0.95	1	10	ug/L
95-47-6	o-Xylene	5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
103-65-1	n-propylbenzene	5	U	0.45	0.5	5	ug/L
108-67-8	1,3,5-Trimethylbenzene	5	U	0.46	0.5	5	ug/L
98-06-6	tert-Butylbenzene	5	U	0.44	0.5	5	ug/L
95-63-6	1,2,4-Trimethylbenzene	0.54	J	0.38	0.5	5	ug/L
135-98-8	sec-Butylbenzene	5	U	0.46	0.5	5	ug/L
99-87-6	p-Isopropyltoluene	5	U	0.43	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
104-51-8	n-Butylbenzene	5	U	0.41	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
91-20-3	Naphthalene	5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	41.8		61 - 141		84%	SPK: 50
1868-53-7	Dibromofluoromethane	46.5		69 - 133		93%	SPK: 50
2037-26-5	Toluene-d8	48.7		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		58 - 135		89%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-3	SDG No.:	H2802
Lab Sample ID:	H2802-05	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032583.D	1		05/06/16 18:43	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	674505	7.75				
540-36-3	1,4-Difluorobenzene	1135120	8.68				
3114-55-4	Chlorobenzene-d5	968018	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	352311	13.47				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-4	SDG No.:	H2802
Lab Sample ID:	H2802-06	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032584.D	1		05/06/16 19:12	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	27.1		0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	2.7	J	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	9.3	J	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	0.42	J	0.2	0.5	5	ug/L
71-43-2	Benzene	1.5	J	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	3.3	J	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-4	SDG No.:	H2802
Lab Sample ID:	H2802-06	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032584.D	1		05/06/16 19:12	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	0.48	J	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	2.3	J	0.95	1	10	ug/L
95-47-6	o-Xylene	0.94	J	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
103-65-1	n-propylbenzene	5	U	0.45	0.5	5	ug/L
108-67-8	1,3,5-Trimethylbenzene	5	U	0.46	0.5	5	ug/L
98-06-6	tert-Butylbenzene	5	U	0.44	0.5	5	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.3	J	0.38	0.5	5	ug/L
135-98-8	sec-Butylbenzene	5	U	0.46	0.5	5	ug/L
99-87-6	p-Isopropyltoluene	5	U	0.43	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
104-51-8	n-Butylbenzene	5	U	0.41	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
91-20-3	Naphthalene	0.51	J	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	43.1		61 - 141		86%	SPK: 50
1868-53-7	Dibromofluoromethane	46.8		69 - 133		94%	SPK: 50
2037-26-5	Toluene-d8	48.8		65 - 126		98%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.2		58 - 135		90%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-4	SDG No.:	H2802
Lab Sample ID:	H2802-06	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032584.D	1		05/06/16 19:12	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	656209	7.75				
540-36-3	1,4-Difluorobenzene	1132490	8.68				
3114-55-4	Chlorobenzene-d5	962137	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	367074	13.47				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	DUP	SDG No.:	H2802
Lab Sample ID:	H2802-07	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032585.D	1		05/06/16 19:42	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	21.7	J	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	1.7	J	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	6.3	J	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	1	J	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	2.3	J	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	DUP	SDG No.:	H2802
Lab Sample ID:	H2802-07	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032585.D	1		05/06/16 19:42	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	0.36	J	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	1.7	J	0.95	1	10	ug/L
95-47-6	o-Xylene	0.71	J	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
103-65-1	n-propylbenzene	5	U	0.45	0.5	5	ug/L
108-67-8	1,3,5-Trimethylbenzene	5	U	0.46	0.5	5	ug/L
98-06-6	tert-Butylbenzene	5	U	0.44	0.5	5	ug/L
95-63-6	1,2,4-Trimethylbenzene	1.2	J	0.38	0.5	5	ug/L
135-98-8	sec-Butylbenzene	5	U	0.46	0.5	5	ug/L
99-87-6	p-Isopropyltoluene	5	U	0.43	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
104-51-8	n-Butylbenzene	5	U	0.41	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
91-20-3	Naphthalene	5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	42.8		61 - 141		86%	SPK: 50
1868-53-7	Dibromofluoromethane	46.7		69 - 133		93%	SPK: 50
2037-26-5	Toluene-d8	48.2		65 - 126		96%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		58 - 135		89%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	DUP	SDG No.:	H2802
Lab Sample ID:	H2802-07	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032585.D	1		05/06/16 19:42	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	663681	7.75				
540-36-3	1,4-Difluorobenzene	1151950	8.68				
3114-55-4	Chlorobenzene-d5	977755	11.51				
3855-82-1	1,4-Dichlorobenzene-d4	360821	13.47				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	TRIPBLANK	SDG No.:	H2802
Lab Sample ID:	H2802-08	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032570.D	1		05/06/16 12:25	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	25	U	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	5	U	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	25	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	TRIPBLANK	SDG No.:	H2802
Lab Sample ID:	H2802-08	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032570.D	1		05/06/16 12:25	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	10	U	0.95	1	10	ug/L
95-47-6	o-Xylene	5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
103-65-1	n-propylbenzene	5	U	0.45	0.5	5	ug/L
108-67-8	1,3,5-Trimethylbenzene	5	U	0.46	0.5	5	ug/L
98-06-6	tert-Butylbenzene	5	U	0.44	0.5	5	ug/L
95-63-6	1,2,4-Trimethylbenzene	5	U	0.38	0.5	5	ug/L
135-98-8	sec-Butylbenzene	5	U	0.46	0.5	5	ug/L
99-87-6	p-Isopropyltoluene	5	U	0.43	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
104-51-8	n-Butylbenzene	5	U	0.41	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
91-20-3	Naphthalene	5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	41.4		61 - 141		83%	SPK: 50
1868-53-7	Dibromofluoromethane	46.2		69 - 133		92%	SPK: 50
2037-26-5	Toluene-d8	48.4		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	44		58 - 135		88%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	TRIPBLANK	SDG No.:	H2802
Lab Sample ID:	H2802-08	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032570.D	1		05/06/16 12:25	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	651057	7.75				
540-36-3	1,4-Difluorobenzene	1101000	8.68				
3114-55-4	Chlorobenzene-d5	909974	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	332315	13.47				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: SW8260C

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
H2802-01	MW-1	1,2-Dichloroethane-d4	50	42.6	85	61	141
		Dibromofluoromethane	50	46.32	93	69	133
		Toluene-d8	50	47.91	96	65	126
		4-Bromofluorobenzene	50	42.81	86	58	135
H2802-02MS	MW-1MS	1,2-Dichloroethane-d4	50	50.02	100	61	141
		Dibromofluoromethane	50	49.93	100	69	133
		Toluene-d8	50	49.69	99	65	126
		4-Bromofluorobenzene	50	48.9	98	58	135
H2802-03MSD	MW-1MSD	1,2-Dichloroethane-d4	50	49.62	99	61	141
		Dibromofluoromethane	50	50.57	101	69	133
		Toluene-d8	50	50.29	101	65	126
		4-Bromofluorobenzene	50	50.73	101	58	135
H2802-04	MW-2	1,2-Dichloroethane-d4	50	41.66	83	61	141
		Dibromofluoromethane	50	46.26	93	69	133
		Toluene-d8	50	48.52	97	65	126
		4-Bromofluorobenzene	50	44.05	88	58	135
H2802-05	MW-3	1,2-Dichloroethane-d4	50	41.83	84	61	141
		Dibromofluoromethane	50	46.45	93	69	133
		Toluene-d8	50	48.74	97	65	126
		4-Bromofluorobenzene	50	44.62	89	58	135
H2802-06	MW-4	1,2-Dichloroethane-d4	50	43.1	86	61	141
		Dibromofluoromethane	50	46.76	94	69	133
		Toluene-d8	50	48.76	98	65	126
		4-Bromofluorobenzene	50	45.17	90	58	135
H2802-07	DUP	1,2-Dichloroethane-d4	50	42.76	86	61	141
		Dibromofluoromethane	50	46.72	93	69	133
		Toluene-d8	50	48.22	96	65	126
		4-Bromofluorobenzene	50	44.58	89	58	135
H2802-08	TRIPBLANK	1,2-Dichloroethane-d4	50	41.43	83	61	141
		Dibromofluoromethane	50	46.2	92	69	133
		Toluene-d8	50	48.41	97	65	126
		4-Bromofluorobenzene	50	43.95	88	58	135
VN0506WBL01	VN0506WBL01	1,2-Dichloroethane-d4	50	41.81	84	61	141
		Dibromofluoromethane	50	47.16	94	69	133
		Toluene-d8	50	48.44	97	65	126
		4-Bromofluorobenzene	50	44.4	89	58	135
VN0506WBS01	VN0506WBS01	1,2-Dichloroethane-d4	50	47.29	95	61	141
		Dibromofluoromethane	50	48.04	96	69	133
		Toluene-d8	50	47.69	95	65	126
		4-Bromofluorobenzene	50	45.52	91	58	135

Matrix Spike/Matrix Spike Duplicate Summary SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: SW8260C

Parameter	Spike	Sample	Result	Units	Rec			RPD	Limits			
		Result			Qual	RPD	Qual	Low	High	RPD		
Lab Sample ID :	H2802-02MS	Client Sample ID :	MW-1MS					Datafile :	VN032589.D			
Dichlorodifluoromethane	50	0	41.7	ug/L	83				47	161		
Chloromethane	50	0	40.1	ug/L	80				53	157		
Vinyl chloride	50	0	36.3	ug/L	73				57	149		
Bromomethane	50	0	33.5	ug/L	67				45	165		
Chloroethane	50	0	39.5	ug/L	79				47	166		
Trichlorofluoromethane	50	0	37.4	ug/L	75				51	165		
1,1,2-Trichlorotrifluoroethane	50	0	46.7	ug/L	93				61	145		
1,1-Dichloroethene	50	0	44.8	ug/L	90				55	148		
Acetone	250	21.9	200	ug/L	71				11	159		
Carbon disulfide	50	2.3	42.9	ug/L	81				13	149		
Methyl tert-butyl Ether	50	0	45.9	ug/L	92				60	145		
Methyl Acetate	50	0	47.8	ug/L	96				27	167		
Methylene Chloride	50	0	48.3	ug/L	97				56	146		
trans-1,2-Dichloroethene	50	0	47.1	ug/L	94				60	141		
1,1-Dichloroethane	50	0	45.9	ug/L	92				61	144		
Cyclohexane	50	0	47.9	ug/L	96				57	142		
2-Butanone	250	7.8	230	ug/L	89				42	145		
Carbon Tetrachloride	50	0	45.8	ug/L	92				60	140		
cis-1,2-Dichloroethene	50	0	47.6	ug/L	95				48	156		
Bromochloromethane	50	0	44.9	ug/L	90				59	146		
Chloroform	50	0	48.2	ug/L	96				63	140		
1,1,1-Trichloroethane	50	0	46.7	ug/L	93				65	140		
Methylcyclohexane	50	0	46.7	ug/L	93				62	128		
Benzene	50	1.5	48.2	ug/L	93				62	134		
1,2-Dichloroethane	50	0	46.1	ug/L	92				67	136		
Trichloroethene	50	0	48	ug/L	96				64	131		
1,2-Dichloropropane	50	0	45.2	ug/L	90				69	130		
Bromodichloromethane	50	0	46.2	ug/L	92				66	132		
4-Methyl-2-Pentanone	250	0	240	ug/L	96				57	148		
Toluene	50	2.7	50.1	ug/L	95				68	129		
t-1,3-Dichloropropene	50	0	43.3	ug/L	87				54	136		
cis-1,3-Dichloropropene	50	0	44.4	ug/L	89				56	133		
1,1,2-Trichloroethane	50	0	47.1	ug/L	94				68	134		
2-Hexanone	250	0	240	ug/L	96				46	158		
Dibromochloromethane	50	0	45.9	ug/L	92				59	136		
1,2-Dibromoethane	50	0	47.6	ug/L	95				65	138		
Tetrachloroethene	50	0	47.2	ug/L	94				29	137		
Chlorobenzene	50	0	47.2	ug/L	94				68	126		
Ethyl Benzene	50	0.26	47.2	ug/L	94				61	131		
m/p-Xylenes	100	1.4	94.6	ug/L	93				64	125		
o-Xylene	50	0.58	47.4	ug/L	94				65	126		
Styrene	50	0	48	ug/L	96				40	140		
Bromoform	50	0	47.4	ug/L	95				42	134		
Isopropylbenzene	50	0	45.6	ug/L	91				58	132		
1,1,2,2-Tetrachloroethane	50	0	45.7	ug/L	91				61	136		
N-propylbenzene	50	0	45.1	ug/L	90				64	126		
1,3,5-Trimethylbenzene	50	0	45.3	ug/L	91				59	127		

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: SW8260C

Parameter	Spike	Sample	Result	Units	Rec			RPD	Limits		
		Result			Rec	Qual	RPD	Qual	Low	High	RPD
tert-Butylbenzene	50	0	46.6	ug/L	93				65	138	
1,2,4-Trimethylbenzene	50	0.65	47.1	ug/L	93				54	133	
Sec-butylbenzene	50	0	46	ug/L	92				65	125	
p-Isopropyltoluene	50	0	46	ug/L	92				64	124	
1,3-Dichlorobenzene	50	0	47.4	ug/L	95				63	125	
1,4-Dichlorobenzene	50	0	47.5	ug/L	95				64	124	
n-Butylbenzene	50	0	45.2	ug/L	90				62	127	
1,2-Dichlorobenzene	50	0	48.5	ug/L	97				64	126	
1,2-Dibromo-3-Chloropropane	50	0	43	ug/L	86				57	139	
1,2,4-Trichlorobenzene	50	0	49.9	ug/L	100				57	130	
Naphthalene	50	0	50.2	ug/L	100				56	136	
1,2,3-Trichlorobenzene	50	0	49.5	ug/L	99				57	131	
1,4-Dioxane	1000	0	970	ug/L	97				50	150	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2802Client: LaBella Associates P.C.Analytical Method: SW8260C

Parameter	Spike	Sample	Result	Units	Rec		RPD		Limits		RPD
		Result			Qual	RPD	Qual	Low	High		
Lab Sample ID :	H2802-03MSD	Client Sample ID :	MW-1MSD					Datafile :	VN032590.D		
Dichlorodifluoromethane	50	0	43.6	ug/L	87		4		47	161	20
Chloromethane	50	0	39.2	ug/L	78		2		53	157	20
Vinyl chloride	50	0	36.4	ug/L	73		0		57	149	20
Bromomethane	50	0	38	ug/L	76		13		45	165	20
Chloroethane	50	0	38.6	ug/L	77		2		47	166	20
Trichlorofluoromethane	50	0	37.2	ug/L	74		1		51	165	20
1,1,2-Trichlorotrifluoroethane	50	0	47.8	ug/L	96		2		61	145	20
1,1-Dichloroethene	50	0	45.3	ug/L	91		1		55	148	20
Acetone	250	21.9	210	ug/L	75		5		11	159	20
Carbon disulfide	50	2.3	44.3	ug/L	84		4		13	149	20
Methyl tert-butyl Ether	50	0	47	ug/L	94		2		60	145	20
Methyl Acetate	50	0	48.1	ug/L	96		1		27	167	20
Methylene Chloride	50	0	49.2	ug/L	98		2		56	146	20
trans-1,2-Dichloroethene	50	0	47.9	ug/L	96		2		60	141	20
1,1-Dichloroethane	50	0	46.4	ug/L	93		1		61	144	20
Cyclohexane	50	0	48.7	ug/L	97		2		57	142	20
2-Butanone	250	7.8	240	ug/L	93		4		42	145	20
Carbon Tetrachloride	50	0	47.1	ug/L	94		3		60	140	20
cis-1,2-Dichloroethene	50	0	48.4	ug/L	97		2		48	156	20
Bromochloromethane	50	0	42.7	ug/L	85		5		59	146	20
Chloroform	50	0	48.6	ug/L	97		1		63	140	20
1,1,1-Trichloroethane	50	0	47.8	ug/L	96		2		65	140	20
Methylcyclohexane	50	0	47.3	ug/L	95		1		62	128	20
Benzene	50	1.5	49.1	ug/L	95		2		62	134	20
1,2-Dichloroethane	50	0	46.8	ug/L	94		2		67	136	20
Trichloroethene	50	0	49.5	ug/L	99		3		64	131	20
1,2-Dichloropropane	50	0	46.6	ug/L	93		3		69	130	20
Bromodichloromethane	50	0	47.6	ug/L	95		3		66	132	20
4-Methyl-2-Pentanone	250	0	250	ug/L	100		4		57	148	20
Toluene	50	2.7	51.7	ug/L	98		3		68	129	20
t-1,3-Dichloropropene	50	0	45.1	ug/L	90		4		54	136	20
cis-1,3-Dichloropropene	50	0	45.7	ug/L	91		3		56	133	20
1,1,2-Trichloroethane	50	0	47.9	ug/L	96		2		68	134	20
2-Hexanone	250	0	250	ug/L	100		4		46	158	20
Dibromochloromethane	50	0	47.2	ug/L	94		3		59	136	20
1,2-Dibromoethane	50	0	49.7	ug/L	99		4		65	138	20
Tetrachloroethene	50	0	46.7	ug/L	93		1		29	137	20
Chlorobenzene	50	0	47.9	ug/L	96		1		68	126	20
Ethyl Benzene	50	0.26	48.2	ug/L	96		2		61	131	20
m/p-Xylenes	100	1.4	97.3	ug/L	96		3		64	125	20
o-Xylene	50	0.58	48.4	ug/L	96		2		65	126	20
Styrene	50	0	48.7	ug/L	97		1		40	140	20
Bromoform	50	0	48.1	ug/L	96		1		42	134	20
Isopropylbenzene	50	0	47	ug/L	94		3		58	132	20
1,1,2,2-Tetrachloroethane	50	0	46.3	ug/L	93		1		61	136	20
N-propylbenzene	50	0	46.4	ug/L	93		3		64	126	20
1,3,5-Trimethylbenzene	50	0	46.7	ug/L	93		3		59	127	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: SW8260C

Parameter	Spike	Sample Result	Result	Units	Rec			RPD		Limits	
					Rec	Qual	RPD	Qual	Low	High	RPD
tert-Butylbenzene	50	0	47.7	ug/L	95		2		65	138	20
1,2,4-Trimethylbenzene	50	0.65	48.5	ug/L	96		3		54	133	20
Sec-butylbenzene	50	0	47.6	ug/L	95		3		65	125	20
p-Isopropyltoluene	50	0	47.5	ug/L	95		3		64	124	20
1,3-Dichlorobenzene	50	0	49.1	ug/L	98		4		63	125	20
1,4-Dichlorobenzene	50	0	49.5	ug/L	99		4		64	124	20
n-Butylbenzene	50	0	46.5	ug/L	93		3		62	127	20
1,2-Dichlorobenzene	50	0	50.5	ug/L	101		4		64	126	20
1,2-Dibromo-3-Chloropropane	50	0	45.5	ug/L	91		6		57	139	20
1,2,4-Trichlorobenzene	50	0	52.3	ug/L	105		5		57	130	20
Naphthalene	50	0	54.1	ug/L	108		7		56	136	20
1,2,3-Trichlorobenzene	50	0	52.5	ug/L	105		6		57	131	20
1,4-Dioxane	1000	0	1000	ug/L	100		3		50	150	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: SW8260C

Datafile : VN032569.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VN0506WBS01	Dichlorodifluoromethane	20	16.3	ug/L	81			46	139	
	Chloromethane	20	12.8	ug/L	64			58	139	
	Vinyl chloride	20	14.6	ug/L	73			65	137	
	Bromomethane	20	13.2	ug/L	66			50	162	
	Chloroethane	20	15.4	ug/L	77			54	160	
	Trichlorofluoromethane	20	15.4	ug/L	77			67	143	
	1,1,2-Trichlorotrifluoroethane	20	18.4	ug/L	92			71	136	
	1,1-Dichloroethene	20	18.4	ug/L	92			69	134	
	Acetone	100	97.3	ug/L	97			41	181	
	Carbon disulfide	20	16.3	ug/L	81			63	138	
	Methyl tert-butyl Ether	20	18	ug/L	90			72	136	
	Methyl Acetate	20	19.1	ug/L	96			51	158	
	Methylene Chloride	20	18.8	ug/L	94			67	138	
	trans-1,2-Dichloroethene	20	18.5	ug/L	93			72	132	
	1,1-Dichloroethane	20	17.8	ug/L	89			74	135	
	Cyclohexane	20	17.6	ug/L	88			67	132	
	2-Butanone	100	94.8	ug/L	95			64	146	
	Carbon Tetrachloride	20	18	ug/L	90			71	134	
	cis-1,2-Dichloroethene	20	18.4	ug/L	92			74	130	
	Bromochloromethane	20	17.2	ug/L	86			71	136	
	Chloroform	20	18.4	ug/L	92			74	134	
	1,1,1-Trichloroethane	20	18.2	ug/L	91			74	133	
	Methylcyclohexane	20	18.1	ug/L	91			71	125	
	Benzene	20	18	ug/L	90			75	125	
	1,2-Dichloroethane	20	18.1	ug/L	91			76	130	
	Trichloroethene	20	18.7	ug/L	94			73	127	
	1,2-Dichloropropane	20	17.5	ug/L	88			76	125	
	Bromodichloromethane	20	18.2	ug/L	91			78	127	
	4-Methyl-2-Pentanone	100	91.2	ug/L	91			71	140	
	Toluene	20	18.3	ug/L	92			74	125	
	t-1,3-Dichloropropene	20	17.1	ug/L	86			74	131	
	cis-1,3-Dichloropropene	20	17.3	ug/L	86			74	128	
	1,1,2-Trichloroethane	20	18.7	ug/L	94			75	129	
	2-Hexanone	100	93.1	ug/L	93			62	153	
	Dibromochloromethane	20	17.6	ug/L	88			74	131	
	1,2-Dibromoethane	20	18.3	ug/L	92			74	129	
	Tetrachloroethene	20	18.7	ug/L	94			46	157	
	Chlorobenzene	20	18.3	ug/L	92			76	123	
	Ethyl Benzene	20	18.3	ug/L	92			75	126	
	m/p-Xylenes	40	36.1	ug/L	90			74	126	
	o-Xylene	20	18.2	ug/L	91			73	127	
	Styrene	20	17.8	ug/L	89			75	126	
	Bromoform	20	17.9	ug/L	90			66	130	
	Isopropylbenzene	20	18.7	ug/L	94			70	127	
	1,1,2,2-Tetrachloroethane	20	19.1	ug/L	96			66	131	
	N-propylbenzene	20	18	ug/L	90			71	126	
	1,3,5-Trimethylbenzene	20	18.2	ug/L	91			71	127	
	tert-Butylbenzene	20	18.3	ug/L	92			66	129	
	1,2,4-Trimethylbenzene	20	18.6	ug/L	93			69	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: SW8260C

Datafile : VN032569.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VN0506WBS01	Sec-butylbenzene	20	18.1	ug/L	91			72	126	
	p-Isopropyltoluene	20	17.8	ug/L	89			71	125	
	1,3-Dichlorobenzene	20	18.5	ug/L	93			70	125	
	1,4-Dichlorobenzene	20	18.1	ug/L	91			71	124	
	n-Butylbenzene	20	17.2	ug/L	86			68	128	
	1,2-Dichlorobenzene	20	18.6	ug/L	93			71	126	
	1,2-Dibromo-3-Chloropropane	20	17.7	ug/L	89			62	134	
	1,2,4-Trichlorobenzene	20	18.6	ug/L	93			62	129	
	Naphthalene	20	18.3	ug/L	92			62	130	
	1,2,3-Trichlorobenzene	20	18.6	ug/L	93			58	130	
	1,4-Dioxane	400	390	ug/L	98			50	150	

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0506WBL01

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2802

SAS No.: H2802 SDG NO.: H2802

Lab File ID: VN032568.D

Lab Sample ID: VN0506WBL01

Date Analyzed: 05/06/2016

Time Analyzed: 11:27

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0506WBS01	VN0506WBS01	VN032569.D	05/06/2016
TRIPBLANK	H2802-08	VN032570.D	05/06/2016
MW-1	H2802-01	VN032581.D	05/06/2016
MW-2	H2802-04	VN032582.D	05/06/2016
MW-3	H2802-05	VN032583.D	05/06/2016
MW-4	H2802-06	VN032584.D	05/06/2016
DUP	H2802-07	VN032585.D	05/06/2016
MW-1MS	H2802-02MS	VN032589.D	05/06/2016
MW-1MSD	H2802-03MSD	VN032590.D	05/06/2016

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: LABE01
Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802
Lab File ID: VN032461.D BFB Injection Date: 05/03/2016
Instrument ID: MSVOA_N BFB Injection Time: 10:12
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24.9
75	30.0 - 60.0% of mass 95	58.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.8
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	78.7
175	5.0 - 9.0% of mass 174	6.2 (7.8) 1
176	95.0 - 101.0% of mass 174	74.8 (95.1) 1
177	5.0 - 9.0% of mass 176	5.1 (6.8) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC001	VSTDIC001	VN032462.D	05/03/2016	10:50
VSTDIC005	VSTDIC005	VN032463.D	05/03/2016	11:22
VSTDIC020	VSTDIC020	VN032464.D	05/03/2016	11:51
VSTDIC050	VSTDIC050	VN032465.D	05/03/2016	12:20
VSTDIC100	VSTDIC100	VN032466.D	05/03/2016	12:49
VSTDIC200	VSTDIC200	VN032467.D	05/03/2016	13:18

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: LABE01
Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802
Lab File ID: VN032566.D BFB Injection Date: 05/06/2016
Instrument ID: MSVOA_N BFB Injection Time: 10:31
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.4
75	30.0 - 60.0% of mass 95	53.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.2 (0.3) 1
174	50.0 - 100.0% of mass 95	73.7
175	5.0 - 9.0% of mass 174	5.9 (8) 1
176	95.0 - 101.0% of mass 174	73.5 (99.7) 1
177	5.0 - 9.0% of mass 176	4.7 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN032567.D	05/06/2016	11:01
VN0506WBL01	VN0506WBL01	VN032568.D	05/06/2016	11:27
VN0506WBS01	VN0506WBS01	VN032569.D	05/06/2016	11:56
TRIPBLANK	H2802-08	VN032570.D	05/06/2016	12:25
MW-1	H2802-01	VN032581.D	05/06/2016	17:45
MW-2	H2802-04	VN032582.D	05/06/2016	18:14
MW-3	H2802-05	VN032583.D	05/06/2016	18:43
MW-4	H2802-06	VN032584.D	05/06/2016	19:12
DUP	H2802-07	VN032585.D	05/06/2016	19:42
MW-1MS	H2802-02MS	VN032589.D	05/06/2016	21:38
MW-1MSD	H2802-03MSD	VN032590.D	05/06/2016	22:07

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802
 Lab File ID: VN032567.D Date Analyzed: 05/06/2016
 Instrument ID: MSVOA_N Time Analyzed: 11:01
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	587967	7.75	1038140	8.68	907278	11.52
UPPER LIMIT	1175930	8.25	2076270	9.18	1814560	12.02
LOWER LIMIT	293984	7.25	519068	8.18	453639	11.02
EPA SAMPLE NO.						
MW-1	622954	7.75	1066133	8.68	895393	11.52
MW-1MS	583188	7.75	1076832	8.68	944272	11.52
MW-1MSD	571042	7.75	1046071	8.68	922535	11.52
MW-2	647997	7.75	1107175	8.68	938656	11.52
MW-3	674505	7.75	1135121	8.68	968018	11.52
MW-4	656209	7.75	1132485	8.68	962137	11.52
DUP	663681	7.75	1151953	8.68	977755	11.51
TRIPBLANK	651057	7.75	1101003	8.68	909974	11.52
VN0506WBL01	732949	7.75	1239545	8.68	1050125	11.52
VN0506WBS01	564933	7.75	1020266	8.68	881296	11.52

IS1 = Pentafluorobenzene

IS2 = 1,4-Difluorobenzene

IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802
 Lab File ID: VN032567.D Date Analyzed: 05/06/2016
 Instrument ID: MSVOA_N Time Analyzed: 11:01
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	391151	13.47				
UPPER LIMIT	782302	13.97				
LOWER LIMIT	195576	12.97				
EPA SAMPLE NO.						
MW-1	321143	13.47				
MW-1MS	408113	13.47				
MW-1MSD	394184	13.47				
MW-2	333074	13.47				
MW-3	352311	13.47				
MW-4	367074	13.47				
DUP	360821	13.47				
TRIPBLANK	332315	13.47				
VN0506WBL01	384852	13.47				
VN0506WBS01	354138	13.47				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VN0506WBL01	SDG No.:	H2802
Lab Sample ID:	VN0506WBL01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032568.D	1		05/06/16 11:27	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	5	U	0.2	0.5	5	ug/L
74-87-3	Chloromethane	5	U	0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	5	U	0.34	0.5	5	ug/L
74-83-9	Bromomethane	5	U	0.2	0.5	5	ug/L
75-00-3	Chloroethane	5	U	0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	5	U	0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	5	U	0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	5	U	0.47	0.5	5	ug/L
67-64-1	Acetone	25	U	0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	5	U	0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	5	U	0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	5	U	0.2	2	5	ug/L
75-09-2	Methylene Chloride	5	U	0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	5	U	0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	5	U	0.36	0.5	5	ug/L
110-82-7	Cyclohexane	5	U	0.2	0.5	5	ug/L
78-93-3	2-Butanone	25	U	1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	5	U	0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	5	U	0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	5	U	0.2	0.5	5	ug/L
67-66-3	Chloroform	5	U	0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	5	U	0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	5	U	0.2	0.5	5	ug/L
71-43-2	Benzene	5	U	0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	5	U	0.48	0.75	5	ug/L
79-01-6	Trichloroethene	5	U	0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	5	U	0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	5	U	0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	25	U	2.1	2.5	25	ug/L
108-88-3	Toluene	5	U	0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	5	U	0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	5	U	0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VN0506WBL01	SDG No.:	H2802
Lab Sample ID:	VN0506WBL01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032568.D	1		05/06/16 11:27	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	5	U	0.38	0.5	5	ug/L
591-78-6	2-Hexanone	25	U	1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	5	U	0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	5	U	0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	5	U	0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	5	U	0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	5	U	0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	10	U	0.95	1	10	ug/L
95-47-6	o-Xylene	5	U	0.43	0.5	5	ug/L
100-42-5	Styrene	5	U	0.36	0.5	5	ug/L
75-25-2	Bromoform	5	U	0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	5	U	0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	5	U	0.31	0.5	5	ug/L
103-65-1	n-propylbenzene	5	U	0.45	0.5	5	ug/L
108-67-8	1,3,5-Trimethylbenzene	5	U	0.46	0.5	5	ug/L
98-06-6	tert-Butylbenzene	5	U	0.44	0.5	5	ug/L
95-63-6	1,2,4-Trimethylbenzene	5	U	0.38	0.5	5	ug/L
135-98-8	sec-Butylbenzene	5	U	0.46	0.5	5	ug/L
99-87-6	p-Isopropyltoluene	5	U	0.43	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	5	U	0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	5	U	0.32	0.5	5	ug/L
104-51-8	n-Butylbenzene	5	U	0.41	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	5	U	0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	5	U	0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
91-20-3	Naphthalene	5	U	0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	5	U	0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	100	U	100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	41.8		61 - 141		84%	SPK: 50
1868-53-7	Dibromofluoromethane	47.2		69 - 133		94%	SPK: 50
2037-26-5	Toluene-d8	48.4		65 - 126		97%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.4		58 - 135		89%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VN0506WBL01	SDG No.:	H2802
Lab Sample ID:	VN0506WBL01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032568.D	1		05/06/16 11:27	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	732949	7.75				
540-36-3	1,4-Difluorobenzene	1239550	8.68				
3114-55-4	Chlorobenzene-d5	1050130	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	384852	13.47				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VN0506WBS01	SDG No.:	H2802
Lab Sample ID:	VN0506WBS01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032569.D	1		05/06/16 11:56	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	16.3		0.2	0.5	5	ug/L
74-87-3	Chloromethane	12.8		0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	14.6		0.34	0.5	5	ug/L
74-83-9	Bromomethane	13.2		0.2	0.5	5	ug/L
75-00-3	Chloroethane	15.4		0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	15.4		0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.4		0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	18.4		0.47	0.5	5	ug/L
67-64-1	Acetone	97.3		0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	16.3		0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	18		0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	19.1		0.2	2	5	ug/L
75-09-2	Methylene Chloride	18.8		0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	18.5		0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	17.8		0.36	0.5	5	ug/L
110-82-7	Cyclohexane	17.6		0.2	0.5	5	ug/L
78-93-3	2-Butanone	94.8		1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	18		0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	18.4		0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	17.2		0.2	0.5	5	ug/L
67-66-3	Chloroform	18.4		0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	18.2		0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	18.1		0.2	0.5	5	ug/L
71-43-2	Benzene	18		0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	18.1		0.48	0.75	5	ug/L
79-01-6	Trichloroethene	18.7		0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	17.5		0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	18.2		0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	91.2		2.1	2.5	25	ug/L
108-88-3	Toluene	18.3		0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	17.1		0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	17.3		0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VN0506WBS01	SDG No.:	H2802
Lab Sample ID:	VN0506WBS01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032569.D	1		05/06/16 11:56	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	18.7		0.38	0.5	5	ug/L
591-78-6	2-Hexanone	93.1		1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	17.6		0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	18.3		0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	18.7		0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	18.3		0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	18.3		0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	36.1		0.95	1	10	ug/L
95-47-6	o-Xylene	18.2		0.43	0.5	5	ug/L
100-42-5	Styrene	17.8		0.36	0.5	5	ug/L
75-25-2	Bromoform	17.9		0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	18.7		0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	19.1		0.31	0.5	5	ug/L
103-65-1	n-propylbenzene	18		0.45	0.5	5	ug/L
108-67-8	1,3,5-Trimethylbenzene	18.2		0.46	0.5	5	ug/L
98-06-6	tert-Butylbenzene	18.3		0.44	0.5	5	ug/L
95-63-6	1,2,4-Trimethylbenzene	18.6		0.38	0.5	5	ug/L
135-98-8	sec-Butylbenzene	18.1		0.46	0.5	5	ug/L
99-87-6	p-Isopropyltoluene	17.8		0.43	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	18.5		0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	18.1		0.32	0.5	5	ug/L
104-51-8	n-Butylbenzene	17.2		0.41	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	18.6		0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	17.7		0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.6		0.2	0.5	5	ug/L
91-20-3	Naphthalene	18.3		0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.6		0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	390		100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	47.3		61 - 141		95%	SPK: 50
1868-53-7	Dibromofluoromethane	48		69 - 133		96%	SPK: 50
2037-26-5	Toluene-d8	47.7		65 - 126		95%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.5		58 - 135		91%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	VN0506WBS01	SDG No.:	H2802
Lab Sample ID:	VN0506WBS01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032569.D	1		05/06/16 11:56	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	564933	7.75				
540-36-3	1,4-Difluorobenzene	1020270	8.68				
3114-55-4	Chlorobenzene-d5	881296	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	354138	13.47				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MS	SDG No.:	H2802
Lab Sample ID:	H2802-02MS	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032589.D	1		05/06/16 21:38	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	41.7		0.2	0.5	5	ug/L
74-87-3	Chloromethane	40.1		0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	36.3		0.34	0.5	5	ug/L
74-83-9	Bromomethane	33.5		0.2	0.5	5	ug/L
75-00-3	Chloroethane	39.5		0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	37.4		0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	46.7		0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	44.8		0.47	0.5	5	ug/L
67-64-1	Acetone	200		0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	42.9		0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	45.9		0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	47.8		0.2	2	5	ug/L
75-09-2	Methylene Chloride	48.3		0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	47.1		0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	45.9		0.36	0.5	5	ug/L
110-82-7	Cyclohexane	47.9		0.2	0.5	5	ug/L
78-93-3	2-Butanone	230		1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	45.8		0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	47.6		0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	44.9		0.2	0.5	5	ug/L
67-66-3	Chloroform	48.2		0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	46.7		0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	46.7		0.2	0.5	5	ug/L
71-43-2	Benzene	48.2		0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	46.1		0.48	0.75	5	ug/L
79-01-6	Trichloroethene	48		0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	45.2		0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	46.2		0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	240		2.1	2.5	25	ug/L
108-88-3	Toluene	50.1		0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	43.3		0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	44.4		0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MS	SDG No.:	H2802
Lab Sample ID:	H2802-02MS	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032589.D	1		05/06/16 21:38	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	47.1		0.38	0.5	5	ug/L
591-78-6	2-Hexanone	240		1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	45.9		0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	47.6		0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	47.2		0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	47.2		0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	47.2		0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	94.6		0.95	1	10	ug/L
95-47-6	o-Xylene	47.4		0.43	0.5	5	ug/L
100-42-5	Styrene	48		0.36	0.5	5	ug/L
75-25-2	Bromoform	47.4		0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	45.6		0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	45.7		0.31	0.5	5	ug/L
103-65-1	n-propylbenzene	45.1		0.45	0.5	5	ug/L
108-67-8	1,3,5-Trimethylbenzene	45.3		0.46	0.5	5	ug/L
98-06-6	tert-Butylbenzene	46.6		0.44	0.5	5	ug/L
95-63-6	1,2,4-Trimethylbenzene	47.1		0.38	0.5	5	ug/L
135-98-8	sec-Butylbenzene	46		0.46	0.5	5	ug/L
99-87-6	p-Isopropyltoluene	46		0.43	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	47.4		0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	47.5		0.32	0.5	5	ug/L
104-51-8	n-Butylbenzene	45.2		0.41	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	48.5		0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	43		0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	49.9		0.2	0.5	5	ug/L
91-20-3	Naphthalene	50.2		0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	49.5		0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	970		100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	50		61 - 141		100%	SPK: 50
1868-53-7	Dibromofluoromethane	49.9		69 - 133		100%	SPK: 50
2037-26-5	Toluene-d8	49.7		65 - 126		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.9		58 - 135		98%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MS	SDG No.:	H2802
Lab Sample ID:	H2802-02MS	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032589.D	1		05/06/16 21:38	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	583188	7.75				
540-36-3	1,4-Difluorobenzene	1076830	8.68				
3114-55-4	Chlorobenzene-d5	944272	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	408113	13.47				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MSD	SDG No.:	H2802
Lab Sample ID:	H2802-03MSD	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032590.D	1		05/06/16 22:07	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	43.6		0.2	0.5	5	ug/L
74-87-3	Chloromethane	39.2		0.2	0.5	5	ug/L
75-01-4	Vinyl Chloride	36.4		0.34	0.5	5	ug/L
74-83-9	Bromomethane	38		0.2	0.5	5	ug/L
75-00-3	Chloroethane	38.6		0.2	0.5	5	ug/L
75-69-4	Trichlorofluoromethane	37.2		0.35	0.5	5	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	47.8		0.45	0.5	5	ug/L
75-35-4	1,1-Dichloroethene	45.3		0.47	0.5	5	ug/L
67-64-1	Acetone	210		0.5	2.5	25	ug/L
75-15-0	Carbon Disulfide	44.3		0.2	0.5	5	ug/L
1634-04-4	Methyl tert-butyl Ether	47		0.35	0.5	5	ug/L
79-20-9	Methyl Acetate	48.1		0.2	2	5	ug/L
75-09-2	Methylene Chloride	49.2		0.41	0.5	5	ug/L
156-60-5	trans-1,2-Dichloroethene	47.9		0.41	0.5	5	ug/L
75-34-3	1,1-Dichloroethane	46.4		0.36	0.5	5	ug/L
110-82-7	Cyclohexane	48.7		0.2	0.5	5	ug/L
78-93-3	2-Butanone	240		1.3	2.5	25	ug/L
56-23-5	Carbon Tetrachloride	47.1		0.2	0.5	5	ug/L
156-59-2	cis-1,2-Dichloroethene	48.4		0.35	0.5	5	ug/L
74-97-5	Bromochloromethane	42.7		0.2	0.5	5	ug/L
67-66-3	Chloroform	48.6		0.34	0.5	5	ug/L
71-55-6	1,1,1-Trichloroethane	47.8		0.4	0.75	5	ug/L
108-87-2	Methylcyclohexane	47.3		0.2	0.5	5	ug/L
71-43-2	Benzene	49.1		0.32	0.5	5	ug/L
107-06-2	1,2-Dichloroethane	46.8		0.48	0.75	5	ug/L
79-01-6	Trichloroethene	49.5		0.28	0.5	5	ug/L
78-87-5	1,2-Dichloropropane	46.6		0.46	0.5	5	ug/L
75-27-4	Bromodichloromethane	47.6		0.36	0.5	5	ug/L
108-10-1	4-Methyl-2-Pentanone	250		2.1	2.5	25	ug/L
108-88-3	Toluene	51.7		0.37	0.5	5	ug/L
10061-02-6	t-1,3-Dichloropropene	45.1		0.29	0.5	5	ug/L
10061-01-5	cis-1,3-Dichloropropene	45.7		0.31	0.5	5	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MSD	SDG No.:	H2802
Lab Sample ID:	H2802-03MSD	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032590.D	1		05/06/16 22:07	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
79-00-5	1,1,2-Trichloroethane	47.9		0.38	0.5	5	ug/L
591-78-6	2-Hexanone	250		1.9	3.8	25	ug/L
124-48-1	Dibromochloromethane	47.2		0.2	0.5	5	ug/L
106-93-4	1,2-Dibromoethane	49.7		0.41	0.5	5	ug/L
127-18-4	Tetrachloroethene	46.7		0.27	0.5	5	ug/L
108-90-7	Chlorobenzene	47.9		0.49	0.5	5	ug/L
100-41-4	Ethyl Benzene	48.2		0.2	0.5	5	ug/L
179601-23-1	m/p-Xylenes	97.3		0.95	1	10	ug/L
95-47-6	o-Xylene	48.4		0.43	0.5	5	ug/L
100-42-5	Styrene	48.7		0.36	0.5	5	ug/L
75-25-2	Bromoform	48.1		0.47	0.5	5	ug/L
98-82-8	Isopropylbenzene	47		0.45	0.5	5	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	46.3		0.31	0.5	5	ug/L
103-65-1	n-propylbenzene	46.4		0.45	0.5	5	ug/L
108-67-8	1,3,5-Trimethylbenzene	46.7		0.46	0.5	5	ug/L
98-06-6	tert-Butylbenzene	47.7		0.44	0.5	5	ug/L
95-63-6	1,2,4-Trimethylbenzene	48.5		0.38	0.5	5	ug/L
135-98-8	sec-Butylbenzene	47.6		0.46	0.5	5	ug/L
99-87-6	p-Isopropyltoluene	47.5		0.43	0.5	5	ug/L
541-73-1	1,3-Dichlorobenzene	49.1		0.43	0.5	5	ug/L
106-46-7	1,4-Dichlorobenzene	49.5		0.32	0.5	5	ug/L
104-51-8	n-Butylbenzene	46.5		0.41	0.5	5	ug/L
95-50-1	1,2-Dichlorobenzene	50.5		0.45	0.5	5	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	45.5		0.46	2	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	52.3		0.2	0.5	5	ug/L
91-20-3	Naphthalene	54.1		0.2	0.5	5	ug/L
87-61-6	1,2,3-Trichlorobenzene	52.5		0.2	0.5	5	ug/L
123-91-1	1,4-Dioxane	1000		100	100	100	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	49.6		61 - 141		99%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		69 - 133		101%	SPK: 50
2037-26-5	Toluene-d8	50.3		65 - 126		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		58 - 135		101%	SPK: 50

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MSD	SDG No.:	H2802
Lab Sample ID:	H2802-03MSD	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN032590.D	1		05/06/16 22:07	VN050616

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	571042	7.75				
540-36-3	1,4-Difluorobenzene	1046070	8.68				
3114-55-4	Chlorobenzene-d5	922535	11.52				
3855-82-1	1,4-Dichlorobenzene-d4	394184	13.47				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG No.: H2802
 Instrument ID: MSVOA_N Calibration Date(s): 05/03/2016 05/03/2016
 Heated Purge: (Y/N) N Calibration Time(s): 10:50 13:18
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:		RRF001 = VN032462.D		RRF005 = VN032463.D		RRF020 = VN032464.D			
		RRF050 = VN032465.D		RRF100 = VN032466.D		RRF200 = VN032467.D			
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF200	RRF	% RSD	
Dichlorodifluoromethane	0.953	0.802	0.764	0.698	0.648	0.682	0.758	14.6	
Chloromethane	2.211	1.741	1.620	1.428	1.248	1.170	1.570	24.3	
Vinyl Chloride	1.311	1.193	1.226	1.089	1.023	1.028	1.145	10.2	
Bromomethane	0.532	0.467	0.489	0.446	0.468	0.490	0.482	6.1	
Chloroethane	0.647	0.706	0.748	0.659	0.616	0.605	0.664	8.3	
Trichlorofluoromethane	1.935	1.943	1.857	1.656	1.500	1.516	1.735	11.8	
1,1,2-Trichlorotrifluoroethane	0.573	0.603	0.571	0.536	0.480	0.512	0.546	8.3	
1,1-Dichloroethene	0.587	0.537	0.567	0.496	0.450	0.466	0.517	10.7	
Acetone	0.284	0.261	0.266	0.234	0.217	0.215	0.246	11.4	
Carbon Disulfide	1.751	1.617	1.631	1.487	1.429	1.515	1.572	7.4	
Methyl tert-butyl Ether	2.198	2.170	2.306	2.062	1.986	2.054	2.130	5.5	
Methyl Acetate		0.512	0.696	0.652	0.628	0.650	0.628	11	
Methylene Chloride	0.636	0.669	0.702	0.630	0.591	0.614	0.640	6.2	
trans-1,2-Dichloroethene	0.566	0.656	0.652	0.587	0.560	0.578	0.600	7.2	
1,1-Dichloroethane	1.360	1.338	1.403	1.271	1.193	1.165	1.288	7.4	
Cyclohexane	2.771	1.512	1.343	1.188	1.076	1.116	1.501	42.8	
2-Butanone	0.298	0.338	0.394	0.355	0.343	0.349	0.346	9	
Carbon Tetrachloride	0.538	0.547	0.530	0.501	0.478	0.494	0.515	5.3	
cis-1,2-Dichloroethene	0.842	0.733	0.770	0.709	0.675	0.678	0.734	8.6	
Bromochloromethane	0.584	0.572	0.615	0.529	0.537	0.526	0.561	6.4	
Chloroform	1.307	1.238	1.376	1.235	1.191	1.204	1.259	5.6	
1,1,1-Trichloroethane	1.178	1.137	1.240	1.108	1.055	1.092	1.135	5.8	
Methylcyclohexane	0.714	0.692	0.661	0.620	0.575	0.607	0.645	8.3	
Benzene	1.609	1.660	1.668	1.521	1.458	1.492	1.568	5.7	
1,2-Dichloroethane	0.633	0.603	0.619	0.558	0.540	0.555	0.585	6.6	
Trichloroethene	0.356	0.364	0.359	0.340	0.331	0.342	0.349	3.6	
1,2-Dichloropropane	0.467	0.435	0.453	0.416	0.392	0.402	0.428	6.9	
Bromodichloromethane	0.549	0.558	0.592	0.535	0.522	0.533	0.548	4.5	
4-Methyl-2-Pentanone	0.370	0.436	0.476	0.430	0.411	0.419	0.424	8.2	
Toluene	0.910	0.943	0.979	0.908	0.879	0.930	0.925	3.7	
t-1,3-Dichloropropene	0.644	0.594	0.620	0.582	0.572	0.600	0.602	4.4	
cis-1,3-Dichloropropene	0.692	0.655	0.683	0.623	0.612	0.628	0.649	5.1	
1,1,2-Trichloroethane	0.417	0.339	0.383	0.345	0.330	0.341	0.359	9.4	

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG No.: H2802
 Instrument ID: MSVOA_N Calibration Date(s): 05/03/2016 05/03/2016
 Heated Purge: (Y/N) N Calibration Time(s): 10:50 13:18
 GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID:	RRF001 = VN032462.D	RRF005 = VN032463.D	RRF020 = VN032464.D	RRF050 = VN032465.D	RRF100 = VN032466.D	RRF200 = VN032467.D		
COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF200	RRF	% RSD
2-Hexanone	0.256	0.285	0.320	0.294	0.279	0.279	0.285	7.4
Dibromochloromethane	0.418	0.386	0.423	0.390	0.377	0.391	0.397	4.7
1,2-Dibromoethane	0.375	0.375	0.370	0.347	0.334	0.347	0.358	4.9
Tetrachloroethene	0.361	0.349	0.343	0.311	0.296	0.298	0.326	8.6
Chlorobenzene	1.231	1.179	1.155	1.062	1.030	1.053	1.118	7.3
Ethyl Benzene	1.977	2.105	2.139	1.966	1.929	2.027	2.024	4.1
m/p-Xylenes	0.756	0.747	0.776	0.719	0.708	0.772	0.746	3.7
o-Xylene	0.767	0.758	0.795	0.713	0.708	0.753	0.749	4.4
Styrene	1.091	1.125	1.227	1.165	1.154	1.295	1.176	6.3
Bromoform	0.273	0.269	0.296	0.279	0.273	0.276	0.278	3.5
Isopropylbenzene	4.831	5.207	5.219	4.573	4.263	4.377	4.745	8.7
1,1,2,2-Tetrachloroethane	1.529	1.446	1.482	1.272	1.145	1.073	1.324	14.3
n-propylbenzene	5.704	5.755	5.844	5.325	5.047	5.143	5.470	6.2
1,3,5-Trimethylbenzene	4.125	4.071	4.184	3.661	3.439	3.645	3.854	8.1
tert-Butylbenzene	3.241	3.631	3.548	3.109	2.959	3.040	3.255	8.5
1,2,4-Trimethylbenzene	3.770	4.013	4.149	3.728	3.563	3.740	3.827	5.6
sec-Butylbenzene	4.826	4.987	4.927	4.461	4.305	4.395	4.650	6.4
p-Isopropyltoluene	3.856	4.098	4.058	3.665	3.524	3.873	3.846	5.8
1,3-Dichlorobenzene	1.767	1.926	1.921	1.729	1.697	1.822	1.810	5.4
1,4-Dichlorobenzene	1.942	1.829	1.883	1.712	1.644	1.722	1.789	6.4
n-Butylbenzene	3.599	3.606	3.634	3.368	3.309	3.411	3.488	4.1
1,2-Dichlorobenzene	1.822	1.879	1.907	1.703	1.625	1.641	1.763	7
1,2-Dibromo-3-Chloropropane	0.294	0.255	0.257	0.224	0.204	0.202	0.239	15
1,2,4-Trichlorobenzene	0.815	0.942	0.998	0.914	0.887	0.919	0.913	6.6
Naphthalene	2.551	2.525	2.978	2.678	2.601	2.704	2.673	6.2
1,2,3-Trichlorobenzene	0.900	0.838	0.989	0.890	0.829	0.865	0.885	6.5
1,2-Dichloroethane-d4		0.733	0.891	0.842	0.821	0.836	0.825	7
Dibromofluoromethane		0.326	0.353	0.328	0.317	0.316	0.328	4.6
Toluene-d8		1.084	1.308	1.245	1.195	1.261	1.219	7
4-Bromofluorobenzene		0.398	0.416	0.405	0.406	0.445	0.414	4.4
1,4-Dioxane	4.475	4.692	4.946	4.461	4.348	4.326	4.541	5.2

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG No.: H2802
 Instrument ID: MSVOA_N Calibration Date/Time: 05/06/2016 11:01
 Lab File ID: VN032567.D Init. Calib. Date(s): 05/03/2016 05/03/2016
 Heated Purge: (Y/N) N Init. Calib. Time(s): 10:50 13:18
 GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.758	0.627		-17.23	20
Chloromethane	1.570	0.978	0.1	-37.73	20
Vinyl Chloride	1.145	0.819		-28.51	20
Bromomethane	0.482	0.336		-30.28	20
Chloroethane	0.664	0.506		-23.67	20
Trichlorofluoromethane	1.735	1.282		-26.11	20
1,1,2-Trichlorotrifluoroethane	0.546	0.511		-6.3	20
1,1-Dichloroethene	0.517	0.445		-13.9	20
Acetone	0.246	0.228		-7.59	20
Carbon Disulfide	1.572	1.282		-18.44	20
Methyl tert-butyl Ether	2.130	1.855		-12.89	20
Methyl Acetate	0.628	0.577		-8.09	20
Methylene Chloride	0.640	0.584		-8.73	20
trans-1,2-Dichloroethene	0.600	0.538		-10.32	20
1,1-Dichloroethane	1.288	1.138	0.1	-11.69	20
Cyclohexane	1.501	1.065		-29.07	20
2-Butanone	0.346	0.319		-7.97	20
Carbon Tetrachloride	0.515	0.470		-8.65	20
cis-1,2-Dichloroethene	0.734	0.668		-9.04	20
Bromochloromethane	0.561	0.493		-12.09	20
Chloroform	1.259	1.153		-8.42	20
1,1,1-Trichloroethane	1.135	1.020		-10.11	20
Methylcyclohexane	0.645	0.624		-3.29	20
Benzene	1.568	1.447		-7.73	20
1,2-Dichloroethane	0.585	0.529		-9.51	20
Trichloroethene	0.349	0.344		-1.21	20
1,2-Dichloropropane	0.428	0.389		-9.05	20
Bromodichloromethane	0.548	0.512		-6.6	20
4-Methyl-2-Pentanone	0.424	0.384		-9.47	20
Toluene	0.925	0.887		-4.1	20
t-1,3-Dichloropropene	0.602	0.541		-10.15	20
cis-1,3-Dichloropropene	0.649	0.589		-9.22	20
1,1,2-Trichloroethane	0.359	0.342		-4.81	20
2-Hexanone	0.285	0.268		-5.92	20
Dibromochloromethane	0.397	0.369		-7.02	20
1,2-Dibromoethane	0.358	0.339		-5.31	20
Tetrachloroethene	0.326	0.317		-3	20
Chlorobenzene	1.118	1.068	0.3	-4.45	20
Ethyl Benzene	2.024	1.949		-3.7	20

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG No.: H2802
 Instrument ID: MSVOA_N Calibration Date/Time: 05/06/2016 11:01
 Lab File ID: VN032567.D Init. Calib. Date(s): 05/03/2016 05/03/2016
 Heated Purge: (Y/N) N Init. Calib. Time(s): 10:50 13:18
 GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
m/p-Xylenes	0.746	0.723		-3.1	20
o-Xylene	0.749	0.713		-4.75	20
Styrene	1.176	1.149		-2.33	20
Bromoform	0.278	0.266	0.1	-4.18	20
Isopropylbenzene	4.745	4.460		-6.01	20
1,1,2,2-Tetrachloroethane	1.324	1.206	0.3	-8.96	20
n-propylbenzene	5.470	5.186		-5.19	20
1,3,5-Trimethylbenzene	3.854	3.616		-6.18	20
tert-Butylbenzene	3.255	3.092		-5	20
1,2,4-Trimethylbenzene	3.827	3.651		-4.6	20
sec-Butylbenzene	4.650	4.406		-5.24	20
p-Isopropyltoluene	3.846	3.644		-5.26	20
1,3-Dichlorobenzene	1.810	1.784		-1.47	20
1,4-Dichlorobenzene	1.789	1.735		-3.03	20
n-Butylbenzene	3.488	3.333		-4.45	20
1,2-Dichlorobenzene	1.763	1.723		-2.26	20
1,2-Dibromo-3-Chloropropane	0.239	0.196		-18.13	20
1,2,4-Trichlorobenzene	0.913	0.940		2.94	20
Naphthalene	2.673	2.605		-2.53	20
1,2,3-Trichlorobenzene	0.885	0.886		0.1	20
1,2-Dichloroethane-d4	0.825	0.718		-12.9	20
Dibromofluoromethane	0.328	0.303		-7.62	20
Toluene-d8	1.219	1.150		-5.65	20
4-Bromofluorobenzene	0.414	0.398		-3.74	20
1,4-Dioxane	4.541	4.248	0.05	-6.45	50

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

LAB CHRONICLE

OrderID:	H2802	OrderDate:	4/29/2016 1:47:00 PM
Client:	LaBella Associates P.C.	Project:	4185 Military Road, Niagara, NY
Contact:	Adam Zebrowski	Location:	F22

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2802-01	MW-1	Water	SVOCMS Group1	8270D	04/27/16	05/02/16	05/06/16	04/29/16
H2802-04	MW-2	Water	SVOCMS Group1	8270D	04/27/16	05/02/16	05/06/16	04/29/16
H2802-05	MW-3	Water	SVOCMS Group1	8270D	04/27/16	05/02/16	05/06/16	04/29/16
H2802-06	MW-4	Water	SVOCMS Group1	8270D	04/27/16	05/02/16	05/06/16	04/29/16
H2802-07	DUP	Water	SVOCMS Group1	8270D	04/27/16	05/02/16	05/06/16	04/29/16

Hit Summary Sheet SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : MW-1								
H2802-01	MW-1	WATER Benzaldehyde	3.200	J	0.78	1	10.1	ug/L
H2802-01	MW-1	WATER Acetophenone	2.800	J	0.14	1	10.1	ug/L
H2802-01	MW-1	WATER Diethylphthalate	2.800	J	0.38	1	10.1	ug/L
		Total Svoc :	8.80					
H2802-01	MW-1	WATER Ethanone, 1-(2-furanyl)-	*	11.000	J	0	0	ug/L
H2802-01	MW-1	WATER Furfural	*	10.700	J	0	0	ug/L
H2802-01	MW-1	WATER n-Hexadecanoic acid	*	13.800	J	0	0	ug/L
H2802-01	MW-1	WATER Octadecanoic acid	*	19.400	J	0	0	ug/L
H2802-01	MW-1	WATER unknown6.16	*	29.300	J	0	0	ug/L
H2802-01	MW-1	WATER unknown6.49	*	170.000	J	0	0	ug/L
H2802-01	MW-1	WATER unknown8.40	*	23.300	J	0	0	ug/L
H2802-01	MW-1	WATER unknown8.49	*	9.900	J	0	0	ug/L
H2802-01	MW-1	WATER Vanillin	*	18.200	J	0	0	ug/L
H2802-01	MW-1	WATER 1(3H)-Isobenzofuranone	*	14.000	J	0	0	ug/L
H2802-01	MW-1	WATER 1-Hexadecanol	*	14.800	J	0	0	ug/L
H2802-01	MW-1	WATER 2(3H)-Furanone, 5-ethyl-dihydro-	*	12.000	J	0	0	ug/L
H2802-01	MW-1	WATER 2(3H)-Furanone, dihydro-5,5-dimethyl-	*	32.200	J	0	0	ug/L
H2802-01	MW-1	WATER 2(3H)-Furanone, dihydro-5-propyl-	*	11.200	J	0	0	ug/L
H2802-01	MW-1	WATER 2,5-Hexanedione	*	13.800	J	0	0	ug/L
H2802-01	MW-1	WATER 2-Heptanone	*	16.800	J	0	0	ug/L
H2802-01	MW-1	WATER 3,6-Heptanedione	*	13.100	J	0	0	ug/L
H2802-01	MW-1	WATER 6,7-Dioxabicyclo[3.2.1]octane, 1-methyl-	*	16.900	J	0	0	ug/L
H2802-01	MW-1	WATER Cyclohexadecane	*	25.200	J	0	0	ug/L
H2802-01	MW-1	WATER Benzoic acid	*	15.200	J	2	10.1	ug/L
		Total Tics :	490.80					
		Total Concentration:	499.60					
Client ID : MW-2								
H2802-04	MW-2	WATER Decane, 6-ethyl-2-methyl-	*	4.200	J	0	0	ug/L
H2802-04	MW-2	WATER n-Hexadecanoic acid	*	10.200	J	0	0	ug/L
H2802-04	MW-2	WATER Tetradecanoic acid	*	10.200	J	0	0	ug/L
H2802-04	MW-2	WATER unknown11.09	*	4.400	J	0	0	ug/L
H2802-04	MW-2	WATER unknown6.48	*	150.000	J	0	0	ug/L
H2802-04	MW-2	WATER unknown7.14	*	4.500	J	0	0	ug/L
		Total Tics :	183.50					
		Total Concentration:	183.50					
Client ID : MW-3								
H2802-05	MW-3	WATER .gamma. Dodecalactone	*	11.400	J	0	0	ug/L
H2802-05	MW-3	WATER 2(3H)-Furanone, 5-ethyl-dihydro-5-methyl-	*	11.400	J	0	0	ug/L

Hit Summary Sheet SW-846

SDG No.: H2802
Client: LaBella Associates P.C.

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
H2802-05	MW-3	WATER 2(3H)-Furanone, dihydro-5,5-dim *	17.000	J	0		0	ug/L
H2802-05	MW-3	WATER 2(3H)-Furanone, dihydro-5-propy *	7.100	J	0		0	ug/L
H2802-05	MW-3	WATER 2,5-Hexanedione *	9.500	J	0		0	ug/L
H2802-05	MW-3	WATER 2-Cyclohexen-1-one, 3-methyl- *	9.700	J	0		0	ug/L
H2802-05	MW-3	WATER 2-Cyclopenten-1-one, 3-methyl- *	10.100	J	0		0	ug/L
H2802-05	MW-3	WATER 2-Heptanone *	9.300	J	0		0	ug/L
H2802-05	MW-3	WATER 2-Heptanone, 6-methyl- *	10.600	J	0		0	ug/L
H2802-05	MW-3	WATER 2-Methoxy-2-methylbut-3-ene *	18.000	J	0		0	ug/L
H2802-05	MW-3	WATER 3-Octyn-1-ol *	7.000	J	0		0	ug/L
H2802-05	MW-3	WATER Ethanone, 1-(4-hydroxy-3-methox *	7.200	J	0		0	ug/L
H2802-05	MW-3	WATER Hexanoic acid, 1-methylethyl este *	23.400	J	0		0	ug/L
H2802-05	MW-3	WATER Tetradecanoic acid *	11.500	J	0		0	ug/L
H2802-05	MW-3	WATER Tridecanoic acid *	12.300	J	0		0	ug/L
H2802-05	MW-3	WATER unknown6.14 *	16.900	J	0		0	ug/L
H2802-05	MW-3	WATER unknown6.49 *	170.000	J	0		0	ug/L
H2802-05	MW-3	WATER Vanillin *	7.700	J	0		0	ug/L
H2802-05	MW-3	WATER Benzoic acid *	14.200	J	2		10.2	ug/L

Total Tics : 384.30
Total Concentration: 384.30

Client ID : MW-4

H2802-06	MW-4	WATER Benzaldehyde	8.700	J	0.79	1	10.3	ug/L
H2802-06	MW-4	WATER Acetophenone	4.300	J	0.14	1	10.3	ug/L

Total Svoc : 13.00

H2802-06	MW-4	WATER 1(3H)-Isobenzofuranone *	20.100	J	0		0	ug/L
H2802-06	MW-4	WATER 1-Butyne *	13.100	J	0		0	ug/L
H2802-06	MW-4	WATER 2(3H)-Furanone, 5-ethyldihydro- *	14.300	J	0		0	ug/L
H2802-06	MW-4	WATER 2(3H)-Furanone, 5-ethyldihydro-5 *	20.300	J	0		0	ug/L
H2802-06	MW-4	WATER 2(3H)-Furanone, dihydro-5-propy *	13.500	J	0		0	ug/L
H2802-06	MW-4	WATER 2,5-Hexanedione *	18.600	J	0		0	ug/L
H2802-06	MW-4	WATER 2-Hexanone, 5-methyl- *	24.200	J	0		0	ug/L
H2802-06	MW-4	WATER 2-Nonanone *	23.300	J	0		0	ug/L
H2802-06	MW-4	WATER Ethanone, 1-(2-furanyl)- *	18.000	J	0		0	ug/L
H2802-06	MW-4	WATER Ethanone, 1-(3-hydroxy-4-methox *	15.400	J	0		0	ug/L
H2802-06	MW-4	WATER Furfural *	39.500	J	0		0	ug/L
H2802-06	MW-4	WATER n-Decanoic acid *	14.700	J	0		0	ug/L
H2802-06	MW-4	WATER n-Hexadecanoic acid *	22.500	J	0		0	ug/L
H2802-06	MW-4	WATER Octadecanoic acid *	31.500	J	0		0	ug/L
H2802-06	MW-4	WATER Pentanoic acid, ethyl ester *	36.100	J	0		0	ug/L
H2802-06	MW-4	WATER unknown6.14 *	42.400	J	0		0	ug/L
H2802-06	MW-4	WATER unknown6.44 *	48.400	J	0		0	ug/L
H2802-06	MW-4	WATER unknown6.49 *	160.000	J	0		0	ug/L
H2802-06	MW-4	WATER Vanillin *	30.300	J	0		0	ug/L

Hit Summary Sheet SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Sample ID	Client ID		Parameter	Concentration	C	MDL	LOD	RDL	Units
H2802-06	MW-4	WATER	Benzoic acid	*	19.500	J 2.1		10.3	ug/L
Total Tics :				625.70					
Total Concentration:				638.70					
Client ID : DUP									
H2802-07	DUP	WATER	Benzaldehyde		5.500	J 0.79	1	10.2	ug/L
H2802-07	DUP	WATER	Acetophenone		2.600	J 0.14	1	10.2	ug/L
Total Svoc :				8.10					
H2802-07	DUP	WATER	2(3H)-Furanone, 5-butylidihydro-	*	10.200	J 0		0	ug/L
H2802-07	DUP	WATER	2(3H)-Furanone, dihydro-5,5-dim	*	25.000	J 0		0	ug/L
H2802-07	DUP	WATER	2(3H)-Furanone, dihydro-5-propyl	*	9.400	J 0		0	ug/L
H2802-07	DUP	WATER	2,5-Hexanedione	*	11.700	J 0		0	ug/L
H2802-07	DUP	WATER	2-Cyclohexen-1-one, 3-methyl-	*	12.000	J 0		0	ug/L
H2802-07	DUP	WATER	2-Heptanone	*	14.000	J 0		0	ug/L
H2802-07	DUP	WATER	3,6-Heptanedione	*	14.200	J 0		0	ug/L
H2802-07	DUP	WATER	Ethanone, 1-(2-furanyl)-	*	10.100	J 0		0	ug/L
H2802-07	DUP	WATER	Ethanone, 1-(4-hydroxy-3-methoxy	*	13.100	J 0		0	ug/L
H2802-07	DUP	WATER	Furfural	*	22.100	J 0		0	ug/L
H2802-07	DUP	WATER	n-Decanoic acid	*	12.300	J 0		0	ug/L
H2802-07	DUP	WATER	n-Hexadecanoic acid	*	16.000	J 0		0	ug/L
H2802-07	DUP	WATER	Octadecanoic acid	*	17.600	J 0		0	ug/L
H2802-07	DUP	WATER	unknown6.14	*	23.800	J 0		0	ug/L
H2802-07	DUP	WATER	unknown6.49	*	170.000	J 0		0	ug/L
H2802-07	DUP	WATER	unknown6.96	*	15.200	J 0		0	ug/L
H2802-07	DUP	WATER	unknown7.21	*	8.000	J 0		0	ug/L
H2802-07	DUP	WATER	unknown8.40	*	26.600	J 0		0	ug/L
H2802-07	DUP	WATER	Vanillin	*	25.500	J 0		0	ug/L
H2802-07	DUP	WATER	Benzoic acid	*	16.500	J 2		10.2	ug/L
Total Tics :				473.30					
Total Concentration:				481.40					

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1	SDG No.:	H2802
Lab Sample ID:	H2802-01	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086730.D	1	05/02/16 13:39	05/06/16 18:09	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	3.2	J	0.78	1	10.1	ug/L
108-95-2	Phenol	10.1	U	0.21	1	10.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.1	U	0.56	1	10.1	ug/L
95-57-8	2-Chlorophenol	10.1	U	0.55	1	10.1	ug/L
95-48-7	2-Methylphenol	10.1	U	0.24	1	10.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.1	U	0.17	1	10.1	ug/L
98-86-2	Acetophenone	2.8	J	0.14	1	10.1	ug/L
65794-96-9	3+4-Methylphenols	10.1	U	0.38	1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10.1	U	0.2	1	10.1	ug/L
67-72-1	Hexachloroethane	10.1	U	0.25	1	10.1	ug/L
98-95-3	Nitrobenzene	10.1	U	0.69	1	10.1	ug/L
78-59-1	Isophorone	10.1	U	0.3	1	10.1	ug/L
88-75-5	2-Nitrophenol	10.1	U	0.53	1	10.1	ug/L
105-67-9	2,4-Dimethylphenol	10.1	U	0.72	1	10.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.1	U	0.56	1	10.1	ug/L
120-83-2	2,4-Dichlorophenol	10.1	U	0.67	1	10.1	ug/L
91-20-3	Naphthalene	10.1	U	0.12	1	10.1	ug/L
106-47-8	4-Chloroaniline	10.1	U	1	1	10.1	ug/L
87-68-3	Hexachlorobutadiene	10.1	U	0.25	1	10.1	ug/L
105-60-2	Caprolactam	10.1	U	1	1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	10.1	U	0.4	1	10.1	ug/L
91-57-6	2-Methylnaphthalene	10.1	U	0.32	1	10.1	ug/L
77-47-4	Hexachlorocyclopentadiene	10.1	U	0.24	1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	10.1	U	0.57	1	10.1	ug/L
95-95-4	2,4,5-Trichlorophenol	10.1	U	0.4	1	10.1	ug/L
92-52-4	1,1-Biphenyl	10.1	U	0.15	1	10.1	ug/L
91-58-7	2-Chloronaphthalene	10.1	U	0.16	1	10.1	ug/L
88-74-4	2-Nitroaniline	10.1	U	0.49	1	10.1	ug/L
131-11-3	Dimethylphthalate	10.1	U	0.22	1	10.1	ug/L
208-96-8	Acenaphthylene	10.1	U	0.71	1	10.1	ug/L
606-20-2	2,6-Dinitrotoluene	10.1	U	0.32	1	10.1	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1	SDG No.:	H2802
Lab Sample ID:	H2802-01	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086730.D	1	05/02/16 13:39	05/06/16 18:09	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10.1	U	1	1	10.1	ug/L
83-32-9	Acenaphthene	10.1	U	0.21	1	10.1	ug/L
51-28-5	2,4-Dinitrophenol	10.1	U	2.1	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	10.1	U	2	5.1	10.1	ug/L
132-64-9	Dibenzofuran	10.1	U	0.24	1	10.1	ug/L
121-14-2	2,4-Dinitrotoluene	10.1	U	1	1	10.1	ug/L
84-66-2	Diethylphthalate	2.8	J	0.38	1	10.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.1	U	0.21	1	10.1	ug/L
86-73-7	Fluorene	10.1	U	0.31	1	10.1	ug/L
100-01-6	4-Nitroaniline	10.1	U	1.4	2	10.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.1	U	0.75	2	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	10.1	U	0.61	1	10.1	ug/L
101-55-3	4-Bromophenyl-phenylether	10.1	U	0.23	1	10.1	ug/L
118-74-1	Hexachlorobenzene	10.1	U	0.18	1	10.1	ug/L
1912-24-9	Atrazine	10.1	U	0.4	1	10.1	ug/L
87-86-5	Pentachlorophenol	10.1	U	1	1	10.1	ug/L
85-01-8	Phenanthrene	10.1	U	0.26	1	10.1	ug/L
120-12-7	Anthracene	10.1	U	0.16	1	10.1	ug/L
86-74-8	Carbazole	10.1	U	0.22	1	10.1	ug/L
84-74-2	Di-n-butylphthalate	10.1	U	1	1	10.1	ug/L
206-44-0	Fluoranthene	10.1	U	0.4	1	10.1	ug/L
129-00-0	Pyrene	10.1	U	0.2	1	10.1	ug/L
85-68-7	Butylbenzylphthalate	10.1	U	0.19	1	10.1	ug/L
91-94-1	3,3-Dichlorobenzidine	10.1	U	1	1	10.1	ug/L
56-55-3	Benzo(a)anthracene	10.1	U	0.16	1	10.1	ug/L
218-01-9	Chrysene	10.1	U	0.18	1	10.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.1	U	0.16	1	10.1	ug/L
117-84-0	Di-n-octyl phthalate	10.1	U	0.52	1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	10.1	U	0.29	1	10.1	ug/L
207-08-9	Benzo(k)fluoranthene	10.1	U	0.18	1	10.1	ug/L
50-32-8	Benzo(a)pyrene	10.1	U	0.14	1	10.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.1	U	0.15	1	10.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.1	U	0.42	1	10.1	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1	SDG No.:	H2802
Lab Sample ID:	H2802-01	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086730.D	1	05/02/16 13:39	05/06/16 18:09	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10.1	U	0.29	1	10.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.1	U	0.2	1	10.1	ug/L
123-91-1	1,4-Dioxane	10.1	UQ	0.2	5.1	10.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.1	U	0.2	1	10.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	65.6		10 - 130		44%	SPK: 150
13127-88-3	Phenol-d6	37.5		10 - 130		25%	SPK: 150
4165-60-0	Nitrobenzene-d5	99		36 - 131		99%	SPK: 100
321-60-8	2-Fluorobiphenyl	110		39 - 131		106%	SPK: 100
118-79-6	2,4,6-Tribromophenol	180		25 - 155		119%	SPK: 150
1718-51-0	Terphenyl-d14	66.2		23 - 130		66%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157817	6.7				
1146-65-2	Naphthalene-d8	675447	8				
15067-26-2	Acenaphthene-d10	312195	9.74				
1517-22-2	Phenanthrene-d10	537233	11.22				
1719-03-5	Chrysene-d12	434272	13.85				
1520-96-3	Perylene-d12	314328	15.23				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-01-1	Furfural	10.7	J			4.76	ug/L
000110-43-0	2-Heptanone	16.8	J			5.49	ug/L
001192-62-7	Ethanone, 1-(2-furanyl)-	11	J			5.72	ug/L
000110-13-4	2,5-Hexanedione	13.8	J			5.9	ug/L
	unknown6.16	29.3	J			6.16	ug/L
003123-97-5	2(3H)-Furanone, dihydro-5,5-dimeth	32.2	J			6.44	ug/L
	unknown6.49	170	J			6.49	ug/L
001703-51-1	3,6-Heptanedione	13.1	J			6.76	ug/L
1000142-18-0	6,7-Dioxabicyclo[3.2.1]octane, 1-m	16.9	J			6.96	ug/L
000695-06-7	2(3H)-Furanone, 5-ethyldihydro-	12	J			7.01	ug/L
000105-21-5	2(3H)-Furanone, dihydro-5-propyl-	11.2	J			7.72	ug/L
65-85-0	Benzoic acid	15.2	J			7.8	ug/L
	unknown8.40	23.3	J			8.4	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1	SDG No.:	H2802
Lab Sample ID:	H2802-01	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086730.D	1	05/02/16 13:39	05/06/16 18:09	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown8.49	9.9	J			8.94	ug/L
000087-41-2	1(3H)-Isobenzofuranone	14	J			8.99	ug/L
000121-33-5	Vanillin	18.2	J			9.23	ug/L
036653-82-4	1-Hexadecanol	14.8	J			11.46	ug/L
000057-10-3	n-Hexadecanoic acid	13.8	J			11.77	ug/L
000295-65-8	Cyclohexadecane	25.2	J			12.27	ug/L
000057-11-4	Octadecanoic acid	19.4	J			12.56	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-2	SDG No.:	H2802
Lab Sample ID:	H2802-04	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086733.D	1	05/02/16 13:39	05/06/16 19:35	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10	U	0.77	1	10	ug/L
108-95-2	Phenol	10	U	0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	10	U	0.55	1	10	ug/L
95-57-8	2-Chlorophenol	10	U	0.54	1	10	ug/L
95-48-7	2-Methylphenol	10	U	0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10	U	0.17	1	10	ug/L
98-86-2	Acetophenone	10	U	0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	10	U	0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10	U	0.2	1	10	ug/L
67-72-1	Hexachloroethane	10	U	0.25	1	10	ug/L
98-95-3	Nitrobenzene	10	U	0.68	1	10	ug/L
78-59-1	Isophorone	10	U	0.3	1	10	ug/L
88-75-5	2-Nitrophenol	10	U	0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	10	U	0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10	U	0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	10	U	0.66	1	10	ug/L
91-20-3	Naphthalene	10	U	0.12	1	10	ug/L
106-47-8	4-Chloroaniline	10	U	1	1	10	ug/L
87-68-3	Hexachlorobutadiene	10	U	0.25	1	10	ug/L
105-60-2	Caprolactam	10	U	1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	10	U	0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	10	U	0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	10	U	0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	10	U	0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	10	U	0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	10	U	0.16	1	10	ug/L
88-74-4	2-Nitroaniline	10	U	0.49	1	10	ug/L
131-11-3	Dimethylphthalate	10	U	0.22	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	10	U	0.32	1	10	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-2	SDG No.:	H2802
Lab Sample ID:	H2802-04	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086733.D	1	05/02/16 13:39	05/06/16 19:35	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10	U	1	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	10	U	2.1	8	10	ug/L
100-02-7	4-Nitrophenol	10	U	2	5	10	ug/L
132-64-9	Dibenzofuran	10	U	0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	1	1	10	ug/L
84-66-2	Diethylphthalate	10	U	0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
100-01-6	4-Nitroaniline	10	U	1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10	U	0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	10	U	0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	10	U	0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	10	U	0.18	1	10	ug/L
1912-24-9	Atrazine	10	U	0.4	1	10	ug/L
87-86-5	Pentachlorophenol	10	U	1	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
86-74-8	Carbazole	10	U	0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	10	U	1	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	10	U	0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	1	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10	U	0.16	1	10	ug/L
117-84-0	Di-n-octyl phthalate	10	U	0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-2	SDG No.:	H2802
Lab Sample ID:	H2802-04	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086733.D	1	05/02/16 13:39	05/06/16 19:35	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	0.2	1	10	ug/L
123-91-1	1,4-Dioxane	10	UQ	0.2	5	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	59.7		10 - 130		40%	SPK: 150
13127-88-3	Phenol-d6	34.2		10 - 130		23%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.2		36 - 131		91%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.2		39 - 131		93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		25 - 155		93%	SPK: 150
1718-51-0	Terphenyl-d14	64.6		23 - 130		65%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	176183	6.7				
1146-65-2	Naphthalene-d8	713528	8				
15067-26-2	Acenaphthene-d10	348427	9.74				
1517-22-2	Phenanthrene-d10	583409	11.22				
1719-03-5	Chrysene-d12	451537	13.85				
1520-96-3	Perylene-d12	340933	15.23				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown6.48	150	J			6.48	ug/L
	unknown7.14	4.5	J			7.14	ug/L
062108-21-8	Decane, 6-ethyl-2-methyl-	4.2	J			10.18	ug/L
	unknown11.09	4.4	J			11.09	ug/L
000057-10-3	n-Hexadecanoic acid	10.2	J			11.77	ug/L
000544-63-8	Tetradecanoic acid	10.2	J			12.55	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-2	SDG No.:	H2802
Lab Sample ID:	H2802-04	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086733.D	1	05/02/16 13:39	05/06/16 19:35	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-3	SDG No.:	H2802
Lab Sample ID:	H2802-05	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086734.D	1	05/02/16 13:39	05/06/16 20:04	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10.2	U	0.79	1	10.2	ug/L
108-95-2	Phenol	10.2	U	0.21	1	10.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.2	U	0.56	1	10.2	ug/L
95-57-8	2-Chlorophenol	10.2	U	0.55	1	10.2	ug/L
95-48-7	2-Methylphenol	10.2	U	0.24	1	10.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.2	U	0.17	1	10.2	ug/L
98-86-2	Acetophenone	10.2	U	0.14	1	10.2	ug/L
65794-96-9	3+4-Methylphenols	10.2	U	0.39	1	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10.2	U	0.2	1	10.2	ug/L
67-72-1	Hexachloroethane	10.2	U	0.26	1	10.2	ug/L
98-95-3	Nitrobenzene	10.2	U	0.69	1	10.2	ug/L
78-59-1	Isophorone	10.2	U	0.31	1	10.2	ug/L
88-75-5	2-Nitrophenol	10.2	U	0.53	1	10.2	ug/L
105-67-9	2,4-Dimethylphenol	10.2	U	0.72	1	10.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	0.56	1	10.2	ug/L
120-83-2	2,4-Dichlorophenol	10.2	U	0.67	1	10.2	ug/L
91-20-3	Naphthalene	10.2	U	0.12	1	10.2	ug/L
106-47-8	4-Chloroaniline	10.2	U	1	1	10.2	ug/L
87-68-3	Hexachlorobutadiene	10.2	U	0.26	1	10.2	ug/L
105-60-2	Caprolactam	10.2	U	1	1	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	10.2	U	0.41	1	10.2	ug/L
91-57-6	2-Methylnaphthalene	10.2	U	0.33	1	10.2	ug/L
77-47-4	Hexachlorocyclopentadiene	10.2	U	0.24	1	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	10.2	U	0.57	1	10.2	ug/L
95-95-4	2,4,5-Trichlorophenol	10.2	U	0.41	1	10.2	ug/L
92-52-4	1,1-Biphenyl	10.2	U	0.15	1	10.2	ug/L
91-58-7	2-Chloronaphthalene	10.2	U	0.16	1	10.2	ug/L
88-74-4	2-Nitroaniline	10.2	U	0.5	1	10.2	ug/L
131-11-3	Dimethylphthalate	10.2	U	0.22	1	10.2	ug/L
208-96-8	Acenaphthylene	10.2	U	0.71	1	10.2	ug/L
606-20-2	2,6-Dinitrotoluene	10.2	U	0.33	1	10.2	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-3	SDG No.:	H2802
Lab Sample ID:	H2802-05	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086734.D	1	05/02/16 13:39	05/06/16 20:04	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10.2	U	1	1	10.2	ug/L
83-32-9	Acenaphthene	10.2	U	0.21	1	10.2	ug/L
51-28-5	2,4-Dinitrophenol	10.2	U	2.1	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	10.2	U	2	5.1	10.2	ug/L
132-64-9	Dibenzofuran	10.2	U	0.24	1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	10.2	U	1	1	10.2	ug/L
84-66-2	Diethylphthalate	10.2	U	0.39	1	10.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.2	U	0.21	1	10.2	ug/L
86-73-7	Fluorene	10.2	U	0.32	1	10.2	ug/L
100-01-6	4-Nitroaniline	10.2	U	1.4	2	10.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.2	U	0.76	2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	10.2	U	0.61	1	10.2	ug/L
101-55-3	4-Bromophenyl-phenylether	10.2	U	0.23	1	10.2	ug/L
118-74-1	Hexachlorobenzene	10.2	U	0.18	1	10.2	ug/L
1912-24-9	Atrazine	10.2	U	0.41	1	10.2	ug/L
87-86-5	Pentachlorophenol	10.2	U	1	1	10.2	ug/L
85-01-8	Phenanthrene	10.2	U	0.27	1	10.2	ug/L
120-12-7	Anthracene	10.2	U	0.16	1	10.2	ug/L
86-74-8	Carbazole	10.2	U	0.22	1	10.2	ug/L
84-74-2	Di-n-butylphthalate	10.2	U	1	1	10.2	ug/L
206-44-0	Fluoranthene	10.2	U	0.41	1	10.2	ug/L
129-00-0	Pyrene	10.2	U	0.2	1	10.2	ug/L
85-68-7	Butylbenzylphthalate	10.2	U	0.19	1	10.2	ug/L
91-94-1	3,3-Dichlorobenzidine	10.2	U	1	1	10.2	ug/L
56-55-3	Benzo(a)anthracene	10.2	U	0.16	1	10.2	ug/L
218-01-9	Chrysene	10.2	U	0.18	1	10.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.2	U	0.16	1	10.2	ug/L
117-84-0	Di-n-octyl phthalate	10.2	U	0.52	1	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	10.2	U	0.3	1	10.2	ug/L
207-08-9	Benzo(k)fluoranthene	10.2	U	0.18	1	10.2	ug/L
50-32-8	Benzo(a)pyrene	10.2	U	0.14	1	10.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	0.15	1	10.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.2	U	0.43	1	10.2	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-3	SDG No.:	H2802
Lab Sample ID:	H2802-05	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086734.D	1	05/02/16 13:39	05/06/16 20:04	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10.2	U	0.3	1	10.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.2	U	0.2	1	10.2	ug/L
123-91-1	1,4-Dioxane	10.2	UQ	0.2	5.1	10.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.2	U	0.2	1	10.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	59.3		10 - 130		40%	SPK: 150
13127-88-3	Phenol-d6	35		10 - 130		23%	SPK: 150
4165-60-0	Nitrobenzene-d5	93.7		36 - 131		94%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.9		39 - 131		98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		25 - 155		99%	SPK: 150
1718-51-0	Terphenyl-d14	68.6		23 - 130		69%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	176633	6.7				
1146-65-2	Naphthalene-d8	740764	8				
15067-26-2	Acenaphthene-d10	341229	9.74				
1517-22-2	Phenanthrene-d10	539397	11.22				
1719-03-5	Chrysene-d12	423628	13.85				
1520-96-3	Perylene-d12	321072	15.23				
TENTATIVE IDENTIFIED COMPOUNDS							
000110-43-0	2-Heptanone	9.3	J			5.49	ug/L
000110-13-4	2,5-Hexanedione	9.5	J			5.89	ug/L
	unknown6.14	16.9	J			6.14	ug/L
002758-18-1	2-Cyclopenten-1-one, 3-methyl-	10.1	J			6.3	ug/L
003123-97-5	2(3H)-Furanone, dihydro-5,5-dimeth	17	J			6.44	ug/L
	unknown6.49	170	J			6.49	ug/L
002865-82-9	2(3H)-Furanone, 5-ethyldihydro-5-m	11.4	J			6.76	ug/L
000928-68-7	2-Heptanone, 6-methyl-	10.6	J			6.96	ug/L
001193-18-6	2-Cyclohexen-1-one, 3-methyl-	9.7	J			7.06	ug/L
002311-46-8	Hexanoic acid, 1-methylethyl ester	23.4	J			7.14	ug/L
014916-80-4	3-Octyn-1-ol	7	J			7.21	ug/L
000105-21-5	2(3H)-Furanone, dihydro-5-propyl-	7.1	J			7.72	ug/L
65-85-0	Benzoic acid	14.2	J			7.79	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-3	SDG No.:	H2802
Lab Sample ID:	H2802-05	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086734.D	1	05/02/16 13:39	05/06/16 20:04	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
040426-44-6	2-Methoxy-2-methylbut-3-ene	18	J			8.38	ug/L
002305-05-7	.gamma. Dodecalactone	11.4	J			9	ug/L
000121-33-5	Vanillin	7.7	J			9.23	ug/L
000498-02-2	Ethanone, 1-(4-hydroxy-3-methoxyph	7.2	J			10.18	ug/L
000544-63-8	Tetradecanoic acid	11.5	J			11.77	ug/L
000638-53-9	Tridecanoic acid	12.3	J			12.55	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-4	SDG No.:	H2802
Lab Sample ID:	H2802-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086735.D	1	05/02/16 13:39	05/06/16 20:33	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.7	J	0.79	1	10.3	ug/L
108-95-2	Phenol	10.3	U	0.22	1	10.3	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.3	U	0.57	1	10.3	ug/L
95-57-8	2-Chlorophenol	10.3	U	0.56	1	10.3	ug/L
95-48-7	2-Methylphenol	10.3	U	0.25	1	10.3	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.3	U	0.18	1	10.3	ug/L
98-86-2	Acetophenone	4.3	J	0.14	1	10.3	ug/L
65794-96-9	3+4-Methylphenols	10.3	U	0.39	1	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10.3	U	0.21	1	10.3	ug/L
67-72-1	Hexachloroethane	10.3	U	0.26	1	10.3	ug/L
98-95-3	Nitrobenzene	10.3	U	0.7	1	10.3	ug/L
78-59-1	Isophorone	10.3	U	0.31	1	10.3	ug/L
88-75-5	2-Nitrophenol	10.3	U	0.54	1	10.3	ug/L
105-67-9	2,4-Dimethylphenol	10.3	U	0.73	1	10.3	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.3	U	0.57	1	10.3	ug/L
120-83-2	2,4-Dichlorophenol	10.3	U	0.68	1	10.3	ug/L
91-20-3	Naphthalene	10.3	U	0.12	1	10.3	ug/L
106-47-8	4-Chloroaniline	10.3	U	1	1	10.3	ug/L
87-68-3	Hexachlorobutadiene	10.3	U	0.26	1	10.3	ug/L
105-60-2	Caprolactam	10.3	U	1	1	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	10.3	U	0.41	1	10.3	ug/L
91-57-6	2-Methylnaphthalene	10.3	U	0.33	1	10.3	ug/L
77-47-4	Hexachlorocyclopentadiene	10.3	U	0.25	1	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	10.3	U	0.58	1	10.3	ug/L
95-95-4	2,4,5-Trichlorophenol	10.3	U	0.41	1	10.3	ug/L
92-52-4	1,1-Biphenyl	10.3	U	0.15	1	10.3	ug/L
91-58-7	2-Chloronaphthalene	10.3	U	0.16	1	10.3	ug/L
88-74-4	2-Nitroaniline	10.3	U	0.51	1	10.3	ug/L
131-11-3	Dimethylphthalate	10.3	U	0.23	1	10.3	ug/L
208-96-8	Acenaphthylene	10.3	U	0.72	1	10.3	ug/L
606-20-2	2,6-Dinitrotoluene	10.3	U	0.33	1	10.3	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-4	SDG No.:	H2802
Lab Sample ID:	H2802-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086735.D	1	05/02/16 13:39	05/06/16 20:33	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10.3	U	1	1	10.3	ug/L
83-32-9	Acenaphthene	10.3	U	0.22	1	10.3	ug/L
51-28-5	2,4-Dinitrophenol	10.3	U	2.2	8.2	10.3	ug/L
100-02-7	4-Nitrophenol	10.3	U	2.1	5.2	10.3	ug/L
132-64-9	Dibenzofuran	10.3	U	0.25	1	10.3	ug/L
121-14-2	2,4-Dinitrotoluene	10.3	U	1	1	10.3	ug/L
84-66-2	Diethylphthalate	10.3	U	0.39	1	10.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.3	U	0.22	1	10.3	ug/L
86-73-7	Fluorene	10.3	U	0.32	1	10.3	ug/L
100-01-6	4-Nitroaniline	10.3	U	1.4	2.1	10.3	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.3	U	0.76	2.1	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	10.3	U	0.62	1	10.3	ug/L
101-55-3	4-Bromophenyl-phenylether	10.3	U	0.24	1	10.3	ug/L
118-74-1	Hexachlorobenzene	10.3	U	0.19	1	10.3	ug/L
1912-24-9	Atrazine	10.3	U	0.41	1	10.3	ug/L
87-86-5	Pentachlorophenol	10.3	U	1	1	10.3	ug/L
85-01-8	Phenanthrene	10.3	U	0.27	1	10.3	ug/L
120-12-7	Anthracene	10.3	U	0.16	1	10.3	ug/L
86-74-8	Carbazole	10.3	U	0.23	1	10.3	ug/L
84-74-2	Di-n-butylphthalate	10.3	U	1	1	10.3	ug/L
206-44-0	Fluoranthene	10.3	U	0.41	1	10.3	ug/L
129-00-0	Pyrene	10.3	U	0.21	1	10.3	ug/L
85-68-7	Butylbenzylphthalate	10.3	U	0.2	1	10.3	ug/L
91-94-1	3,3-Dichlorobenzidine	10.3	U	1	1	10.3	ug/L
56-55-3	Benzo(a)anthracene	10.3	U	0.16	1	10.3	ug/L
218-01-9	Chrysene	10.3	U	0.19	1	10.3	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.3	U	0.16	1	10.3	ug/L
117-84-0	Di-n-octyl phthalate	10.3	U	0.53	1	10.3	ug/L
205-99-2	Benzo(b)fluoranthene	10.3	U	0.3	1	10.3	ug/L
207-08-9	Benzo(k)fluoranthene	10.3	U	0.19	1	10.3	ug/L
50-32-8	Benzo(a)pyrene	10.3	U	0.14	1	10.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.3	U	0.15	1	10.3	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.3	U	0.43	1	10.3	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-4	SDG No.:	H2802
Lab Sample ID:	H2802-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086735.D	1	05/02/16 13:39	05/06/16 20:33	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10.3	U	0.3	1	10.3	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.3	U	0.21	1	10.3	ug/L
123-91-1	1,4-Dioxane	10.3	UQ	0.21	5.2	10.3	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.3	U	0.21	1	10.3	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	54.5		10 - 130		36%	SPK: 150
13127-88-3	Phenol-d6	32.2		10 - 130		21%	SPK: 150
4165-60-0	Nitrobenzene-d5	82		36 - 131		82%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.1		39 - 131		89%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		25 - 155		93%	SPK: 150
1718-51-0	Terphenyl-d14	62.4		23 - 130		62%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172485	6.7				
1146-65-2	Naphthalene-d8	729864	8				
15067-26-2	Acenaphthene-d10	327789	9.74				
1517-22-2	Phenanthrene-d10	542996	11.22				
1719-03-5	Chrysene-d12	435573	13.85				
1520-96-3	Perylene-d12	318259	15.23				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-01-1	Furfural	39.5	J			4.75	ug/L
000110-12-3	2-Hexanone, 5-methyl-	24.2	J			5.49	ug/L
001192-62-7	Ethanone, 1-(2-furanyl)-	18	J			5.72	ug/L
000110-13-4	2,5-Hexanedione	18.6	J			5.89	ug/L
	unknown6.14	42.4	J			6.14	ug/L
	unknown6.44	48.4	J			6.44	ug/L
	unknown6.49	160	J			6.49	ug/L
002865-82-9	2(3H)-Furanone, 5-ethyldihydro-5-m	20.3	J			6.76	ug/L
000821-55-6	2-Nonanone	23.3	J			6.96	ug/L
000695-06-7	2(3H)-Furanone, 5-ethyldihydro-	14.3	J			7.01	ug/L
000107-00-6	1-Butyne	13.1	J			7.21	ug/L
000105-21-5	2(3H)-Furanone, dihydro-5-propyl-	13.5	J			7.72	ug/L
65-85-0	Benzoic acid	19.5	J			7.81	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-4	SDG No.:	H2802
Lab Sample ID:	H2802-06	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	SVOCMS Group1
Decanted :	N	Level :	LOW
Injection Volume :		GPC Factor :	1.0
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086735.D	1	05/02/16 13:39	05/06/16 20:33	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000539-82-2	Pentanoic acid, ethyl ester	36.1	J			8.4	ug/L
000334-48-5	n-Decanoic acid	14.7	J			8.96	ug/L
000087-41-2	1(3H)-Isobenzofuranone	20.1	J			8.99	ug/L
000121-33-5	Vanillin	30.3	J			9.23	ug/L
006100-74-9	Ethanone, 1-(3-hydroxy-4-methoxyph	15.4	J			10.18	ug/L
000057-10-3	n-Hexadecanoic acid	22.5	J			11.77	ug/L
000057-11-4	Octadecanoic acid	31.5	J			12.56	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	DUP	SDG No.:	H2802
Lab Sample ID:	H2802-07	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086736.D	1	05/02/16 13:39	05/06/16 21:01	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	5.5	J	0.79	1	10.2	ug/L
108-95-2	Phenol	10.2	U	0.21	1	10.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	10.2	U	0.56	1	10.2	ug/L
95-57-8	2-Chlorophenol	10.2	U	0.55	1	10.2	ug/L
95-48-7	2-Methylphenol	10.2	U	0.24	1	10.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10.2	U	0.17	1	10.2	ug/L
98-86-2	Acetophenone	2.6	J	0.14	1	10.2	ug/L
65794-96-9	3+4-Methylphenols	10.2	U	0.39	1	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10.2	U	0.2	1	10.2	ug/L
67-72-1	Hexachloroethane	10.2	U	0.26	1	10.2	ug/L
98-95-3	Nitrobenzene	10.2	U	0.69	1	10.2	ug/L
78-59-1	Isophorone	10.2	U	0.31	1	10.2	ug/L
88-75-5	2-Nitrophenol	10.2	U	0.53	1	10.2	ug/L
105-67-9	2,4-Dimethylphenol	10.2	U	0.72	1	10.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10.2	U	0.56	1	10.2	ug/L
120-83-2	2,4-Dichlorophenol	10.2	U	0.67	1	10.2	ug/L
91-20-3	Naphthalene	10.2	U	0.12	1	10.2	ug/L
106-47-8	4-Chloroaniline	10.2	U	1	1	10.2	ug/L
87-68-3	Hexachlorobutadiene	10.2	U	0.26	1	10.2	ug/L
105-60-2	Caprolactam	10.2	U	1	1	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	10.2	U	0.41	1	10.2	ug/L
91-57-6	2-Methylnaphthalene	10.2	U	0.33	1	10.2	ug/L
77-47-4	Hexachlorocyclopentadiene	10.2	U	0.24	1	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	10.2	U	0.57	1	10.2	ug/L
95-95-4	2,4,5-Trichlorophenol	10.2	U	0.41	1	10.2	ug/L
92-52-4	1,1-Biphenyl	10.2	U	0.15	1	10.2	ug/L
91-58-7	2-Chloronaphthalene	10.2	U	0.16	1	10.2	ug/L
88-74-4	2-Nitroaniline	10.2	U	0.5	1	10.2	ug/L
131-11-3	Dimethylphthalate	10.2	U	0.22	1	10.2	ug/L
208-96-8	Acenaphthylene	10.2	U	0.71	1	10.2	ug/L
606-20-2	2,6-Dinitrotoluene	10.2	U	0.33	1	10.2	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	DUP	SDG No.:	H2802
Lab Sample ID:	H2802-07	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086736.D	1	05/02/16 13:39	05/06/16 21:01	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10.2	U	1	1	10.2	ug/L
83-32-9	Acenaphthene	10.2	U	0.21	1	10.2	ug/L
51-28-5	2,4-Dinitrophenol	10.2	U	2.1	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	10.2	U	2	5.1	10.2	ug/L
132-64-9	Dibenzofuran	10.2	U	0.24	1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	10.2	U	1	1	10.2	ug/L
84-66-2	Diethylphthalate	10.2	U	0.39	1	10.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10.2	U	0.21	1	10.2	ug/L
86-73-7	Fluorene	10.2	U	0.32	1	10.2	ug/L
100-01-6	4-Nitroaniline	10.2	U	1.4	2	10.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10.2	U	0.76	2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	10.2	U	0.61	1	10.2	ug/L
101-55-3	4-Bromophenyl-phenylether	10.2	U	0.23	1	10.2	ug/L
118-74-1	Hexachlorobenzene	10.2	U	0.18	1	10.2	ug/L
1912-24-9	Atrazine	10.2	U	0.41	1	10.2	ug/L
87-86-5	Pentachlorophenol	10.2	U	1	1	10.2	ug/L
85-01-8	Phenanthrene	10.2	U	0.27	1	10.2	ug/L
120-12-7	Anthracene	10.2	U	0.16	1	10.2	ug/L
86-74-8	Carbazole	10.2	U	0.22	1	10.2	ug/L
84-74-2	Di-n-butylphthalate	10.2	U	1	1	10.2	ug/L
206-44-0	Fluoranthene	10.2	U	0.41	1	10.2	ug/L
129-00-0	Pyrene	10.2	U	0.2	1	10.2	ug/L
85-68-7	Butylbenzylphthalate	10.2	U	0.19	1	10.2	ug/L
91-94-1	3,3-Dichlorobenzidine	10.2	U	1	1	10.2	ug/L
56-55-3	Benzo(a)anthracene	10.2	U	0.16	1	10.2	ug/L
218-01-9	Chrysene	10.2	U	0.18	1	10.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10.2	U	0.16	1	10.2	ug/L
117-84-0	Di-n-octyl phthalate	10.2	U	0.52	1	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	10.2	U	0.3	1	10.2	ug/L
207-08-9	Benzo(k)fluoranthene	10.2	U	0.18	1	10.2	ug/L
50-32-8	Benzo(a)pyrene	10.2	U	0.14	1	10.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10.2	U	0.15	1	10.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	10.2	U	0.43	1	10.2	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	DUP	SDG No.:	H2802
Lab Sample ID:	H2802-07	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086736.D	1	05/02/16 13:39	05/06/16 21:01	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10.2	U	0.3	1	10.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10.2	U	0.2	1	10.2	ug/L
123-91-1	1,4-Dioxane	10.2	UQ	0.2	5.1	10.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10.2	U	0.2	1	10.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	56.9		10 - 130		38%	SPK: 150
13127-88-3	Phenol-d6	34		10 - 130		23%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.2		36 - 131		90%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.5		39 - 131		91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		25 - 155		94%	SPK: 150
1718-51-0	Terphenyl-d14	62.1		23 - 130		62%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168594	6.7				
1146-65-2	Naphthalene-d8	702960	8				
15067-26-2	Acenaphthene-d10	326562	9.74				
1517-22-2	Phenanthrene-d10	540331	11.22				
1719-03-5	Chrysene-d12	434848	13.85				
1520-96-3	Perylene-d12	323173	15.23				
TENTATIVE IDENTIFIED COMPOUNDS							
000098-01-1	Furfural	22.1	J			4.75	ug/L
000110-43-0	2-Heptanone	14	J			5.49	ug/L
001192-62-7	Ethanone, 1-(2-furanyl)-	10.1	J			5.72	ug/L
000110-13-4	2,5-Hexanedione	11.7	J			5.89	ug/L
	unknown6.14	23.8	J			6.14	ug/L
003123-97-5	2(3H)-Furanone, dihydro-5,5-dimeth	25	J			6.44	ug/L
	unknown6.49	170	J			6.49	ug/L
001703-51-1	3,6-Heptanedione	14.2	J			6.76	ug/L
	unknown6.96	15.2	J			6.96	ug/L
001193-18-6	2-Cyclohexen-1-one, 3-methyl-	12	J			7.06	ug/L
	unknown7.21	8	J			7.21	ug/L
000105-21-5	2(3H)-Furanone, dihydro-5-propyl-	9.4	J			7.72	ug/L
65-85-0	Benzoic acid	16.5	J			7.8	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	DUP	SDG No.:	H2802
Lab Sample ID:	H2802-07	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	SVOCMS Group1
	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	1.0	GPC Cleanup : N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086736.D	1	05/02/16 13:39	05/06/16 21:01	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown8.40	26.6	J			8.4	ug/L
000334-48-5	n-Decanoic acid	12.3	J			8.94	ug/L
000104-50-7	2(3H)-Furanone, 5-butyldihydro-	10.2	J			9	ug/L
000121-33-5	Vanillin	25.5	J			9.23	ug/L
000498-02-2	Ethanone, 1-(4-hydroxy-3-methoxyph	13.1	J			10.18	ug/L
000057-10-3	n-Hexadecanoic acid	16	J			11.77	ug/L
000057-11-4	Octadecanoic acid	17.6	J			12.55	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: 8270D

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
H2802-01	MW-1	2-Fluorophenol	150	65.59	44		10	130
		Phenol-d6	150	37.54	25		10	130
		Nitrobenzene-d5	100	98.96	99		36	131
		2-Fluorobiphenyl	100	106.00	106		39	131
		2,4,6-Tribromophenol	150	178.03	119		25	155
		Terphenyl-d14	100	66.19	66		23	130
H2802-02MS	MW-1MS	2-Fluorophenol	150	62.35	42		10	130
		Phenol-d6	150	39.26	26		10	130
		Nitrobenzene-d5	100	92.79	93		36	131
		2-Fluorobiphenyl	100	106.40	106		39	131
		2,4,6-Tribromophenol	150	152.07	101		25	155
		Terphenyl-d14	100	74.01	74		23	130
H2802-03MSD	MW-1MSD	2-Fluorophenol	150	66.84	45		10	130
		Phenol-d6	150	40.95	27		10	130
		Nitrobenzene-d5	100	96.97	97		36	131
		2-Fluorobiphenyl	100	107.47	107		39	131
		2,4,6-Tribromophenol	150	155.89	104		25	155
		Terphenyl-d14	100	67.88	68		23	130
H2802-04	MW-2	2-Fluorophenol	150	59.71	40		10	130
		Phenol-d6	150	34.15	23		10	130
		Nitrobenzene-d5	100	91.22	91		36	131
		2-Fluorobiphenyl	100	93.15	93		39	131
		2,4,6-Tribromophenol	150	139.39	93		25	155
		Terphenyl-d14	100	64.64	65		23	130
H2802-05	MW-3	2-Fluorophenol	150	59.26	40		10	130
		Phenol-d6	150	34.98	23		10	130
		Nitrobenzene-d5	100	93.73	94		36	131
		2-Fluorobiphenyl	100	97.89	98		39	131
		2,4,6-Tribromophenol	150	148.37	99		25	155
		Terphenyl-d14	100	68.57	69		23	130
H2802-06	MW-4	2-Fluorophenol	150	54.48	36		10	130
		Phenol-d6	150	32.22	21		10	130
		Nitrobenzene-d5	100	81.99	82		36	131
		2-Fluorobiphenyl	100	89.08	89		39	131
		2,4,6-Tribromophenol	150	138.78	93		25	155
		Terphenyl-d14	100	62.40	62		23	130
H2802-07	DUP	2-Fluorophenol	150	56.94	38		10	130
		Phenol-d6	150	33.95	23		10	130
		Nitrobenzene-d5	100	90.17	90		36	131
		2-Fluorobiphenyl	100	91.45	91		39	131
		2,4,6-Tribromophenol	150	140.94	94		25	155
		Terphenyl-d14	100	62.06	62		23	130
PB90240BL	PB90240BL	2-Fluorophenol	150	120.76	81		10	130
		Phenol-d6	150	108.91	73		10	130
		Nitrobenzene-d5	100	88.87	89		36	131
		2-Fluorobiphenyl	100	95.26	95		39	131
		2,4,6-Tribromophenol	150	141.41	94		25	155
		Terphenyl-d14	100	85.75	86		23	130
PB90240BS	PB90240BS	2-Fluorophenol	150	126.75	85		10	130
		Phenol-d6	150	122.02	81		10	130
		Nitrobenzene-d5	100	76.83	77		36	131
		2-Fluorobiphenyl	100	81.41	81		39	131



Surrogate Summary
SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: 8270D

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB90240BS	PB90240BS	2,4,6-Tribromophenol	150	118.98	79		25	155
		Terphenyl-d14	100	80.91	81		23	130

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B

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D

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Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		RPD
									Low	High	
Lab Sample ID:	H2802-02MS	Client Sample ID:	MW-1MS					DataFile:	BF086731.D		
Benzaldehyde	51	3.2	13.4	ug/L	20				10	137	
Phenol	51	0	14.3	ug/L	28				10	130	
bis(2-Chloroethyl)ether	51	0	41	ug/L	80				29	141	
2-Chlorophenol	51	0	37.4	ug/L	73				23	127	
2-Methylphenol	51	0	30.2	ug/L	59				14	118	
2,2-oxybis(1-Chloropropane)	51	0	42.5	ug/L	83				36	141	
Acetophenone	51	2.8	54.7	ug/L	102				31	164	
3+4-Methylphenols	51	0	30	ug/L	59				12	109	
N-Nitroso-di-n-propylamine	51	0	46.9	ug/L	92				36	147	
Hexachloroethane	51	0	44.7	ug/L	88				19	149	
Nitrobenzene	51	0	53.4	ug/L	105				30	150	
Isophorone	51	0	48.4	ug/L	95				39	146	
2-Nitrophenol	51	0	46.9	ug/L	92				30	148	
2,4-Dimethylphenol	51	0	39	ug/L	76				17	143	
bis(2-Chloroethoxy)methane	51	0	57.1	ug/L	112				39	143	
2,4-Dichlorophenol	51	0	46	ug/L	90				22	146	
Naphthalene	51	0	44.6	ug/L	87				17	157	
4-Chloroaniline	51	0	4.3	ug/L	8	*			10	95	
Hexachlorobutadiene	51	0	47.2	ug/L	93				20	150	
Caprolactam	51	0	6.9	ug/L	14				10	130	
4-Chloro-3-methylphenol	51	0	40.5	ug/L	79				17	148	
2-Methylnaphthalene	51	0	53.4	ug/L	105				38	146	
Hexachlorocyclopentadiene	100	0	130	ug/L	130				20	153	
2,4,6-Trichlorophenol	51	0	55.2	ug/L	108				24	155	
2,4,5-Trichlorophenol	51	0	51.9	ug/L	102				26	154	
1,1-Biphenyl	51	0	50.8	ug/L	100				38	154	
2-Chloronaphthalene	51	0	48.6	ug/L	95				41	145	
2-Nitroaniline	51	0	49.8	ug/L	98				39	151	
Dimethylphthalate	51	0	50.5	ug/L	99				42	147	
Acenaphthylene	51	0	50.5	ug/L	99				40	141	
2,6-Dinitrotoluene	51	0	45.3	ug/L	89				43	148	
3-Nitroaniline	51	0	21.2	ug/L	42				10	111	
Acenaphthene	51	0	48.1	ug/L	94				37	146	
2,4-Dinitrophenol	100	0	120	ug/L	120				14	167	
4-Nitrophenol	100	0	32.7	ug/L	33				10	130	
Dibenzofuran	51	0	56.5	ug/L	111				41	145	
2,4-Dinitrotoluene	51	0	46.1	ug/L	90				41	152	
Diethylphthalate	51	2.8	53.8	ug/L	100				41	148	
4-Chlorophenyl-phenylether	51	0	52.4	ug/L	103				38	149	
Fluorene	51	0	48.3	ug/L	95				39	144	
4-Nitroaniline	51	0	27	ug/L	53				27	138	
4,6-Dinitro-2-methylphenol	51	0	63.3	ug/L	124				32	175	
N-Nitrosodiphenylamine	51	0	52.2	ug/L	102				40	150	
4-Bromophenyl-phenylether	51	0	52.6	ug/L	103				42	151	
Hexachlorobenzene	51	0	51.7	ug/L	101				33	154	
Atrazine	51	0	55.7	ug/L	109				20	162	
Pentachlorophenol	100	0	110	ug/L	110				28	171	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec		RPD		Limits	
						Qual	RPD	Qual	Low	High	RPD
Phenanthrene	51	0	46	ug/L	90				40	147	
Anthracene	51	0	50.4	ug/L	99				41	146	
Carbazole	51	0	47.6	ug/L	93				37	154	
Di-n-butylphthalate	51	0	48.2	ug/L	95				40	151	
Fluoranthene	51	0	49.8	ug/L	98				42	146	
Pyrene	51	0	44.9	ug/L	88				41	149	
Butylbenzylphthalate	51	0	48.7	ug/L	95				39	155	
3,3-Dichlorobenzidine	51	0	0	ug/L	0	*			10	114	
Benzo(a)anthracene	51	0	51.4	ug/L	101				41	147	
Chrysene	51	0	40.6	ug/L	80				44	144	
bis(2-Ethylhexyl)phthalate	51	0	52.1	ug/L	102				33	160	
Di-n-octyl phthalate	51	0	63.7	ug/L	125				36	158	
Benzo(b)fluoranthene	51	0	50.7	ug/L	99				40	150	
Benzo(k)fluoranthene	51	0	57.3	ug/L	112				40	147	
Benzo(a)pyrene	51	0	53.1	ug/L	104				42	147	
Indeno(1,2,3-cd)pyrene	51	0	49.2	ug/L	96				30	166	
Dibenz(a,h)anthracene	51	0	47.5	ug/L	93				23	172	
Benzo(g,h,i)perylene	51	0	47.4	ug/L	93				27	167	
1,2,4,5-Tetrachlorobenzene	51	0	48.4	ug/L	95				89	102	
1,4-Dioxane	51	0	14.5	ug/L	28	*			38	130	
2,3,4,6-Tetrachlorophenol	51	0	62.4	ug/L	122	*			91	111	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: SW8270D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	H2802-03MSD	Client Sample ID:	MW-1MSD					DataFile:	BF086732.D		
Benzaldehyde	50.5	3.2	16.2	ug/L	26		26	*	10	137	20
Phenol	50.5	0	16	ug/L	32		13		10	130	20
bis(2-Chloroethyl)ether	50.5	0	43.5	ug/L	86		7		29	141	20
2-Chlorophenol	50.5	0	39.1	ug/L	77		5		23	127	20
2-Methylphenol	50.5	0	31.7	ug/L	63		7		14	118	20
2,2-oxybis(1-Chloropropane)	50.5	0	43.5	ug/L	86		4		36	141	20
Acetophenone	50.5	2.8	55.5	ug/L	104		2		31	164	20
3+4-Methylphenols	50.5	0	32.1	ug/L	64		8		12	109	20
N-Nitroso-di-n-propylamine	50.5	0	49	ug/L	97		5		36	147	20
Hexachloroethane	50.5	0	46.3	ug/L	92		4		19	149	20
Nitrobenzene	50.5	0	53.3	ug/L	106		1		30	150	20
Isophorone	50.5	0	49	ug/L	97		2		39	146	20
2-Nitrophenol	50.5	0	48	ug/L	95		3		30	148	20
2,4-Dimethylphenol	50.5	0	40.8	ug/L	81		6		17	143	20
bis(2-Chloroethoxy)methane	50.5	0	57	ug/L	113		1		39	143	20
2,4-Dichlorophenol	50.5	0	47.3	ug/L	94		4		22	146	20
Naphthalene	50.5	0	45.2	ug/L	90		3		17	157	20
4-Chloroaniline	50.5	0	17.7	ug/L	35		126	*	10	95	20
Hexachlorobutadiene	50.5	0	47.3	ug/L	94		1		20	150	20
Caprolactam	50.5	0	6.8	ug/L	13		7		10	130	20
4-Chloro-3-methylphenol	50.5	0	40.4	ug/L	80		1		17	148	20
2-Methylnaphthalene	50.5	0	53.3	ug/L	106		1		38	146	20
Hexachlorocyclopentadiene	100	0	130	ug/L	130		0		20	153	20
2,4,6-Trichlorophenol	50.5	0	55	ug/L	109		1		24	155	20
2,4,5-Trichlorophenol	50.5	0	52.2	ug/L	103		1		26	154	20
1,1-Biphenyl	50.5	0	48.6	ug/L	96		4		38	154	20
2-Chloronaphthalene	50.5	0	47.4	ug/L	94		1		41	145	20
2-Nitroaniline	50.5	0	49.6	ug/L	98		0		39	151	20
Dimethylphthalate	50.5	0	47.3	ug/L	94		5		42	147	20
Acenaphthylene	50.5	0	49.3	ug/L	98		1		40	141	20
2,6-Dinitrotoluene	50.5	0	46.1	ug/L	91		2		43	148	20
3-Nitroaniline	50.5	0	23.2	ug/L	46		9		10	111	20
Acenaphthene	50.5	0	47.5	ug/L	94		0		37	146	20
2,4-Dinitrophenol	100	0	120	ug/L	120		0		14	167	20
4-Nitrophenol	100	0	33.2	ug/L	33		0		10	130	20
Dibenzofuran	50.5	0	56.2	ug/L	111		0		41	145	20
2,4-Dinitrotoluene	50.5	0	44.4	ug/L	88		2		41	152	20
Diethylphthalate	50.5	2.8	55.1	ug/L	104		4		41	148	20
4-Chlorophenyl-phenylether	50.5	0	52.5	ug/L	104		1		38	149	20
Fluorene	50.5	0	46.2	ug/L	91		4		39	144	20
4-Nitroaniline	50.5	0	20.2	ug/L	40		28	*	27	138	20
4,6-Dinitro-2-methylphenol	50.5	0	65.3	ug/L	129		4		32	175	20
N-Nitrosodiphenylamine	50.5	0	52.9	ug/L	105		3		40	150	20
4-Bromophenyl-phenylether	50.5	0	52.2	ug/L	103		0		42	151	20
Hexachlorobenzene	50.5	0	51.4	ug/L	102		1		33	154	20
Atrazine	50.5	0	53.6	ug/L	106		3		20	162	20
Pentachlorophenol	100	0	110	ug/L	110		0		28	171	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: SW8270D

Parameter	Spike	Sample	Result	Units	Rec	Rec	RPD	RPD	Low	Limits	RPD
		Result				Qual		Qual		High	
Phenanthrene	50.5	0	45.2	ug/L	90		0		40	147	20
Anthracene	50.5	0	49.9	ug/L	99		0		41	146	20
Carbazole	50.5	0	47.9	ug/L	95		2		37	154	20
Di-n-butylphthalate	50.5	0	48.5	ug/L	96		1		40	151	20
Fluoranthene	50.5	0	48.2	ug/L	95		3		42	146	20
Pyrene	50.5	0	44.3	ug/L	88		0		41	149	20
Butylbenzylphthalate	50.5	0	47.9	ug/L	95		0		39	155	20
3,3-Dichlorobenzidine	50.5	0	0	ug/L	0	*	0		10	114	20
Benzo(a)anthracene	50.5	0	50.2	ug/L	99		2		41	147	20
Chrysene	50.5	0	38.8	ug/L	77		4		44	144	20
bis(2-Ethylhexyl)phthalate	50.5	0	51.7	ug/L	102		0		33	160	20
Di-n-octyl phthalate	50.5	0	62.6	ug/L	124		1		36	158	20
Benzo(b)fluoranthene	50.5	0	49.6	ug/L	98		1		40	150	20
Benzo(k)fluoranthene	50.5	0	53	ug/L	105		6		40	147	20
Benzo(a)pyrene	50.5	0	51.8	ug/L	103		1		42	147	20
Indeno(1,2,3-cd)pyrene	50.5	0	48.4	ug/L	96		0		30	166	20
Dibenz(a,h)anthracene	50.5	0	47.5	ug/L	94		1		23	172	20
Benzo(g,h,i)perylene	50.5	0	47.3	ug/L	94		1		27	167	20
1,2,4,5-Tetrachlorobenzene	50.5	0	48.6	ug/L	96		1		89	102	20
1,4-Dioxane	50.5	0	17.1	ug/L	34	*	19		38	130	20
2,3,4,6-Tetrachlorophenol	50.5	0	62.4	ug/L	124	*	2		91	111	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: 8270D

DataFile: BF086780.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB90240BS	Benzaldehyde	50	6.6	ug/L	13				10	109		
	Phenol	50	38.9	ug/L	78				10	130		
	bis(2-Chloroethyl)ether	50	39.5	ug/L	79				46	116		
	2-Chlorophenol	50	38.8	ug/L	78				40	105		
	2-Methylphenol	50	39	ug/L	78				32	94		
	2,2-oxybis(1-Chloropropane)	50	36.1	ug/L	72				60	113		
	Acetophenone	50	41.2	ug/L	82				64	120		
	3+4-Methylphenols	50	43.4	ug/L	87				24	91		
	N-Nitroso-di-n-propylamine	50	39.8	ug/L	80				61	115		
	Hexachloroethane	50	37.7	ug/L	75				52	104		
	Nitrobenzene	50	40.8	ug/L	82				49	120		
	Isophorone	50	38.9	ug/L	78				65	114		
	2-Nitrophenol	50	39.6	ug/L	79				57	116		
	2,4-Dimethylphenol	50	37.4	ug/L	75				43	108		
	bis(2-Chloroethoxy)methane	50	44.2	ug/L	88				65	111		
	2,4-Dichlorophenol	50	40.5	ug/L	81				49	113		
	Naphthalene	50	37.7	ug/L	75				61	107		
	4-Chloroaniline	50	9	ug/L	18				10	93		
	Hexachlorobutadiene	50	40.4	ug/L	81				35	120		
	Caprolactam	50	42.4	ug/L	85				10	130		
	4-Chloro-3-methylphenol	50	42.3	ug/L	85				51	109		
	2-Methylnaphthalene	50	43	ug/L	86				63	110		
	Hexachlorocyclopentadiene	100	90	ug/L	90				42	121		
	2,4,6-Trichlorophenol	50	41.4	ug/L	83				62	114		
	2,4,5-Trichlorophenol	50	39.6	ug/L	79				58	116		
	1,1-Biphenyl	50	41.7	ug/L	83				65	117		
	2-Chloronaphthalene	50	39.3	ug/L	79				65	111		
	2-Nitroaniline	50	39.3	ug/L	79				63	119		
	Dimethylphthalate	50	39.3	ug/L	79				68	112		
	Acenaphthylene	50	41.2	ug/L	82				65	110		
	2,6-Dinitrotoluene	50	36.9	ug/L	74				68	115		
	3-Nitroaniline	50	18.2	ug/L	36				16	104		
	Acenaphthene	50	39.4	ug/L	79				66	114		
	2,4-Dinitrophenol	100	90.9	ug/L	91				35	129		
	4-Nitrophenol	100	63.3	ug/L	63				10	130		
	Dibenzofuran	50	44.2	ug/L	88				66	111		
	2,4-Dinitrotoluene	50	38.6	ug/L	77				65	119		
	Diethylphthalate	50	42	ug/L	84				66	116		
	4-Chlorophenyl-phenylether	50	37.8	ug/L	76				66	113		
	Fluorene	50	43	ug/L	86				66	112		
	4-Nitroaniline	50	33.7	ug/L	67				53	115		
	4,6-Dinitro-2-methylphenol	50	50	ug/L	100				47	137		
	N-Nitrosodiphenylamine	50	41.9	ug/L	84				65	116		
	4-Bromophenyl-phenylether	50	44.7	ug/L	89				66	119		
	Hexachlorobenzene	50	38.9	ug/L	78				57	121		
	Atrazine	50	49.6	ug/L	99				53	130		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: 8270D DataFile: BF086780.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB90240BS	Pentachlorophenol	100	88.6	ug/L	89				51	128		
	Phenanthrene	50	37.5	ug/L	75				68	112		
	Anthracene	50	41.7	ug/L	83				69	112		
	Carbazole	50	39.6	ug/L	79				65	115		
	Di-n-butylphthalate	50	40.8	ug/L	82				67	117		
	Fluoranthene	50	42.6	ug/L	85				67	115		
	Pyrene	50	38.5	ug/L	77				67	116		
	Butylbenzylphthalate	50	41.1	ug/L	82				66	121		
	3,3-Dichlorobenzidine	50	11.6	ug/L	23				13	119		
	Benzo(a)anthracene	50	38.9	ug/L	78				64	117		
	Chrysene	50	35.8	ug/L	72				65	116		
	bis(2-Ethylhexyl)phthalate	50	44.4	ug/L	89				61	123		
	Di-n-octyl phthalate	50	57.5	ug/L	115				63	123		
	Benzo(b)fluoranthene	50	39.4	ug/L	79				62	122		
	Benzo(k)fluoranthene	50	45.1	ug/L	90				60	123		
	Benzo(a)pyrene	50	42.2	ug/L	84				65	118		
	Indeno(1,2,3-cd)pyrene	50	36.6	ug/L	73				50	133		
	Dibenz(a,h)anthracene	50	36.3	ug/L	73				45	150		
	Benzo(g,h,i)perylene	50	33.5	ug/L	67				64	123		
	1,2,4,5-Tetrachlorobenzene	50	37.4	ug/L	75				60	105		
	1,4-Dioxane	50	31.1	ug/L	62		*		70	130		
	2,3,4,6-Tetrachlorophenol	50	48.8	ug/L	98				66	110		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB90240BL

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2802

SAS No.: H2802 SDG NO.: H2802

Lab File ID: BF086779.D

Lab Sample ID: PB90240BL

Instrument ID: BNA_F

Date Extracted: 05/02/2016

Matrix: (soil/water) Water

Date Analyzed: 05/07/2016

Level: (low/med) LOW

Time Analyzed: 17:39

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB90240BS	PB90240BS	BF086780.D	05/07/2016
MW-1	H2802-01	BF086730.D	05/06/2016
MW-1MS	H2802-02MS	BF086731.D	05/06/2016
MW-1MSD	H2802-03MSD	BF086732.D	05/06/2016
MW-2	H2802-04	BF086733.D	05/06/2016
MW-3	H2802-05	BF086734.D	05/06/2016
MW-4	H2802-06	BF086735.D	05/06/2016
DUP	H2802-07	BF086736.D	05/06/2016

COMMENTS:

5B

**SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)**

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2802 SDG NO.: H2802

Lab File ID: BF086667.D

DFTPP Injection Date: 05/04/2016

Instrument ID: BNA_F

DFTPP Injection Time: 10:23

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	56.3
68	Less than 2.0% of mass 69	0.8 (1.9) 1
69	Mass 69 relative abundance	40.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	50.4
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.6
442	Greater than 50% of mass 198	89.7
443	15.0 - 24.0% of mass 442	17.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC02.5	SSTDICC02.5	BF086669.D	05/04/2016	11:20
SSTDICC010	SSTDICC010	BF086670.D	05/04/2016	11:48
SSTDICC025	SSTDICC025	BF086671.D	05/04/2016	12:17
SSTDICCC040	SSTDICCC040	BF086672.D	05/04/2016	12:45
SSTDICC050	SSTDICC050	BF086673.D	05/04/2016	13:14
SSTDICC060	SSTDICC060	BF086674.D	05/04/2016	13:42
SSTDICC080	SSTDICC080	BF086675.D	05/04/2016	14:11

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2802 SDG NO.: H2802

Lab File ID: BF086726.D

DFTPP Injection Date: 05/06/2016

Instrument ID: BNA_F

DFTPP Injection Time: 16:14

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	62.3
68	Less than 2.0% of mass 69	0.6 (1.3) 1
69	Mass 69 relative abundance	45.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	54.1
197	Less than 2.0% of mass 198	0.7
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	23.5
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.6
442	Greater than 50% of mass 198	79.5
443	15.0 - 24.0% of mass 442	14.3 (18) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF086727.D	05/06/2016	16:42
MW-1	H2802-01	BF086730.D	05/06/2016	18:09
MW-1MS	H2802-02MS	BF086731.D	05/06/2016	18:37
MW-1MSD	H2802-03MSD	BF086732.D	05/06/2016	19:06
MW-2	H2802-04	BF086733.D	05/06/2016	19:35
MW-3	H2802-05	BF086734.D	05/06/2016	20:04
MW-4	H2802-06	BF086735.D	05/06/2016	20:33
DUP	H2802-07	BF086736.D	05/06/2016	21:01

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM

SAS No.: H2802 SDG NO.: H2802

Lab File ID: BF086777.D

DFTPP Injection Date: 05/07/2016

Instrument ID: BNA_F

DFTPP Injection Time: 16:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	69.3
68	Less than 2.0% of mass 69	0.7 (1.6) 1
69	Mass 69 relative abundance	47.3
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	54.4
197	Less than 2.0% of mass 198	1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	25.5
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	14.5
442	Greater than 50% of mass 198	93.4
443	15.0 - 24.0% of mass 442	17.4 (18.6) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF086778.D	05/07/2016	17:10
PB90240BL	PB90240BL	BF086779.D	05/07/2016	17:39
PB90240BS	PB90240BS	BF086780.D	05/07/2016	18:08

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802
 EPA Sample No.: SSTDCCC040 Date Analyzed: 05/06/2016
 Lab File ID: BF086727.D Time Analyzed: 16:42
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	178841	6.7	721631	8.00	340078	9.74
UPPER LIMIT	357682	7.2	1443260	8.5	680156	10.24
LOWER LIMIT	89420.5	6.2	360816	7.5	170039	9.24
EPA SAMPLE NO.						
01 MW-1	157817	6.70	675447	8.00	312195	9.74
02 MW-1MS	182132	6.70	718506	8.00	317596	9.74
03 MW-1MSD	172798	6.70	691878	8.00	308728	9.74
04 MW-2	176183	6.70	713528	8.00	348427	9.74
05 MW-3	176633	6.70	740764	8.00	341229	9.74
06 MW-4	172485	6.70	729864	8.00	327789	9.74
07 DUP	168594	6.70	702960	8.00	326562	9.74

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802
 EPA Sample No.: SSTDCCC040 Date Analyzed: 05/06/2016
 Lab File ID: BF086727.D Time Analyzed: 16:42
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	642252	11.23	445094	13.86	358817	15.24
UPPER LIMIT	1284500	11.73	890188	14.36	717634	15.74
LOWER LIMIT	321126	10.73	222547	13.36	179409	14.74
EPA SAMPLE NO.						
01 MW-1	537233	11.22	434272	13.85	314328	15.23
02 MW-1MS	567070	11.23	393472	13.86	324578	15.24
03 MW-1MSD	550779	11.23	383068	13.86	313208	15.23
04 MW-2	583409	11.22	451537	13.85	340933	15.23
05 MW-3	539397	11.22	423628	13.85	321072	15.23
06 MW-4	542996	11.22	435573	13.85	318259	15.23
07 DUP	540331	11.22	434848	13.85	323173	15.23

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802
 EPA Sample No.: SSTDCCC040 Date Analyzed: 05/07/2016
 Lab File ID: BF086778.D Time Analyzed: 17:10
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	232779	6.7	956499	8.00	438117	9.74
UPPER LIMIT	465558	7.2	1913000	8.5	876234	10.24
LOWER LIMIT	116390	6.2	478250	7.5	219059	9.24
EPA SAMPLE NO.						
01 PB90240BL	169392	6.70	685702	7.98	331224	9.73
02 PB90240BS	168373	6.70	698743	8.00	334899	9.74

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802
 EPA Sample No.: SSTDCCC040 Date Analyzed: 05/07/2016
 Lab File ID: BF086778.D Time Analyzed: 17:10
 Instrument ID: BNA_F GC Column: RTX-5 ID: 0.18 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	730539	11.22	440975	13.85	425430	15.23
UPPER LIMIT	1461080	11.72	881950	14.35	850860	15.73
LOWER LIMIT	365270	10.72	220488	13.35	212715	14.73
EPA SAMPLE NO.						
01 PB90240BL	624412	11.22	377727	13.85	308189	15.22
02 PB90240BS	573785	11.22	396445	13.85	327109	15.23

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90240BL	SDG No.:	H2802
Lab Sample ID:	PB90240BL	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086779.D	1	05/02/16 13:39	05/07/16 17:39	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	10	U	0.77	1	10	ug/L
108-95-2	Phenol	10	U	0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	10	U	0.55	1	10	ug/L
95-57-8	2-Chlorophenol	10	U	0.54	1	10	ug/L
95-48-7	2-Methylphenol	10	U	0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	10	U	0.17	1	10	ug/L
98-86-2	Acetophenone	10	U	0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	10	U	0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	10	U	0.2	1	10	ug/L
67-72-1	Hexachloroethane	10	U	0.25	1	10	ug/L
98-95-3	Nitrobenzene	10	U	0.68	1	10	ug/L
78-59-1	Isophorone	10	U	0.3	1	10	ug/L
88-75-5	2-Nitrophenol	10	U	0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	10	U	0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	10	U	0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	10	U	0.66	1	10	ug/L
91-20-3	Naphthalene	10	U	0.12	1	10	ug/L
106-47-8	4-Chloroaniline	10	U	1	1	10	ug/L
87-68-3	Hexachlorobutadiene	10	U	0.25	1	10	ug/L
105-60-2	Caprolactam	10	U	1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	10	U	0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	10	U	0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	10	U	0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	10	U	0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	10	U	0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	10	U	0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	10	U	0.16	1	10	ug/L
88-74-4	2-Nitroaniline	10	U	0.49	1	10	ug/L
131-11-3	Dimethylphthalate	10	U	0.22	1	10	ug/L
208-96-8	Acenaphthylene	10	U	0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	10	U	0.32	1	10	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90240BL	SDG No.:	H2802
Lab Sample ID:	PB90240BL	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086779.D	1	05/02/16 13:39	05/07/16 17:39	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	10	U	1	1	10	ug/L
83-32-9	Acenaphthene	10	U	0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	10	U	2.1	8	10	ug/L
100-02-7	4-Nitrophenol	10	U	2	5	10	ug/L
132-64-9	Dibenzofuran	10	U	0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	10	U	1	1	10	ug/L
84-66-2	Diethylphthalate	10	U	0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	10	U	0.21	1	10	ug/L
86-73-7	Fluorene	10	U	0.31	1	10	ug/L
100-01-6	4-Nitroaniline	10	U	1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	10	U	0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	10	U	0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	10	U	0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	10	U	0.18	1	10	ug/L
1912-24-9	Atrazine	10	U	0.4	1	10	ug/L
87-86-5	Pentachlorophenol	10	U	1	1	10	ug/L
85-01-8	Phenanthrene	10	U	0.26	1	10	ug/L
120-12-7	Anthracene	10	U	0.16	1	10	ug/L
86-74-8	Carbazole	10	U	0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	10	U	1	1	10	ug/L
206-44-0	Fluoranthene	10	U	0.4	1	10	ug/L
129-00-0	Pyrene	10	U	0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	10	U	0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	10	U	1	1	10	ug/L
56-55-3	Benzo(a)anthracene	10	U	0.16	1	10	ug/L
218-01-9	Chrysene	10	U	0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	10	U	0.16	1	10	ug/L
117-84-0	Di-n-octyl phthalate	10	U	0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	10	U	0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	10	U	0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	10	U	0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	10	U	0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	10	U	0.42	1	10	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90240BL	SDG No.:	H2802
Lab Sample ID:	PB90240BL	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086779.D	1	05/02/16 13:39	05/07/16 17:39	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	10	U	0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	10	U	0.2	1	10	ug/L
123-91-1	1,4-Dioxane	10	U	0.2	5	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	10	U	0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	120		10 - 130		81%	SPK: 150
13127-88-3	Phenol-d6	110		10 - 130		73%	SPK: 150
4165-60-0	Nitrobenzene-d5	88.9		36 - 131		89%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.3		39 - 131		95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	140		25 - 155		94%	SPK: 150
1718-51-0	Terphenyl-d14	85.8		23 - 130		86%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169392	6.7				
1146-65-2	Naphthalene-d8	685702	7.98				
15067-26-2	Acenaphthene-d10	331224	9.73				
1517-22-2	Phenanthrene-d10	624412	11.22				
1719-03-5	Chrysene-d12	377727	13.85				
1520-96-3	Perylene-d12	308189	15.22				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	17	A			4.9	ug/L
	unknown6.48	180	J			6.48	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90240BS	SDG No.:	H2802
Lab Sample ID:	PB90240BS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086780.D	1	05/02/16 13:39	05/07/16 18:08	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	6.6	J	0.77	1	10	ug/L
108-95-2	Phenol	38.9		0.21	1	10	ug/L
111-44-4	bis(2-Chloroethyl)ether	39.5		0.55	1	10	ug/L
95-57-8	2-Chlorophenol	38.8		0.54	1	10	ug/L
95-48-7	2-Methylphenol	39		0.24	1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	36.1		0.17	1	10	ug/L
98-86-2	Acetophenone	41.2		0.14	1	10	ug/L
65794-96-9	3+4-Methylphenols	43.4		0.38	1	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39.8		0.2	1	10	ug/L
67-72-1	Hexachloroethane	37.7		0.25	1	10	ug/L
98-95-3	Nitrobenzene	40.8		0.68	1	10	ug/L
78-59-1	Isophorone	38.9		0.3	1	10	ug/L
88-75-5	2-Nitrophenol	39.6		0.52	1	10	ug/L
105-67-9	2,4-Dimethylphenol	37.4		0.71	1	10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.2		0.55	1	10	ug/L
120-83-2	2,4-Dichlorophenol	40.5		0.66	1	10	ug/L
91-20-3	Naphthalene	37.7		0.12	1	10	ug/L
106-47-8	4-Chloroaniline	9	J	1	1	10	ug/L
87-68-3	Hexachlorobutadiene	40.4		0.25	1	10	ug/L
105-60-2	Caprolactam	42.4		1	1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	42.3		0.4	1	10	ug/L
91-57-6	2-Methylnaphthalene	43		0.32	1	10	ug/L
77-47-4	Hexachlorocyclopentadiene	90	E	0.24	1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	41.4		0.56	1	10	ug/L
95-95-4	2,4,5-Trichlorophenol	39.6		0.4	1	10	ug/L
92-52-4	1,1-Biphenyl	41.7		0.15	1	10	ug/L
91-58-7	2-Chloronaphthalene	39.3		0.16	1	10	ug/L
88-74-4	2-Nitroaniline	39.3		0.49	1	10	ug/L
131-11-3	Dimethylphthalate	39.3		0.22	1	10	ug/L
208-96-8	Acenaphthylene	41.2		0.7	1	10	ug/L
606-20-2	2,6-Dinitrotoluene	36.9		0.32	1	10	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90240BS	SDG No.:	H2802
Lab Sample ID:	PB90240BS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086780.D	1	05/02/16 13:39	05/07/16 18:08	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	18.2		1	1	10	ug/L
83-32-9	Acenaphthene	39.4		0.21	1	10	ug/L
51-28-5	2,4-Dinitrophenol	90.9	E	2.1	8	10	ug/L
100-02-7	4-Nitrophenol	63.3		2	5	10	ug/L
132-64-9	Dibenzofuran	44.2		0.24	1	10	ug/L
121-14-2	2,4-Dinitrotoluene	38.6		1	1	10	ug/L
84-66-2	Diethylphthalate	42		0.38	1	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	37.8		0.21	1	10	ug/L
86-73-7	Fluorene	43		0.31	1	10	ug/L
100-01-6	4-Nitroaniline	33.7		1.4	2	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	50		0.74	2	10	ug/L
86-30-6	n-Nitrosodiphenylamine	41.9		0.6	1	10	ug/L
101-55-3	4-Bromophenyl-phenylether	44.7		0.23	1	10	ug/L
118-74-1	Hexachlorobenzene	38.9		0.18	1	10	ug/L
1912-24-9	Atrazine	49.6		0.4	1	10	ug/L
87-86-5	Pentachlorophenol	88.6	E	1	1	10	ug/L
85-01-8	Phenanthrene	37.5		0.26	1	10	ug/L
120-12-7	Anthracene	41.7		0.16	1	10	ug/L
86-74-8	Carbazole	39.6		0.22	1	10	ug/L
84-74-2	Di-n-butylphthalate	40.8		1	1	10	ug/L
206-44-0	Fluoranthene	42.6		0.4	1	10	ug/L
129-00-0	Pyrene	38.5		0.2	1	10	ug/L
85-68-7	Butylbenzylphthalate	41.1		0.19	1	10	ug/L
91-94-1	3,3-Dichlorobenzidine	11.6		1	1	10	ug/L
56-55-3	Benzo(a)anthracene	38.9		0.16	1	10	ug/L
218-01-9	Chrysene	35.8		0.18	1	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.4		0.16	1	10	ug/L
117-84-0	Di-n-octyl phthalate	57.5		0.51	1	10	ug/L
205-99-2	Benzo(b)fluoranthene	39.4		0.29	1	10	ug/L
207-08-9	Benzo(k)fluoranthene	45.1		0.18	1	10	ug/L
50-32-8	Benzo(a)pyrene	42.2		0.14	1	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	36.6		0.15	1	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	36.3		0.42	1	10	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90240BS	SDG No.:	H2802
Lab Sample ID:	PB90240BS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086780.D	1	05/02/16 13:39	05/07/16 18:08	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	33.5		0.29	1	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	37.4		0.2	1	10	ug/L
123-91-1	1,4-Dioxane	31.1		0.2	5	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.8		0.2	1	10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	130		10 - 130		85%	SPK: 150
13127-88-3	Phenol-d6	120		10 - 130		81%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.8		36 - 131		77%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.4		39 - 131		81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	120		25 - 155		79%	SPK: 150
1718-51-0	Terphenyl-d14	80.9		23 - 130		81%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168373	6.7				
1146-65-2	Naphthalene-d8	698743	8				
15067-26-2	Acenaphthene-d10	334899	9.74				
1517-22-2	Phenanthrene-d10	573785	11.22				
1719-03-5	Chrysene-d12	396445	13.85				
1520-96-3	Perylene-d12	327109	15.23				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MS	SDG No.:	H2802
Lab Sample ID:	H2802-02MS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086731.D	1	05/02/16 13:39	05/06/16 18:37	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	13.4		0.79	1	10.2	ug/L
108-95-2	Phenol	14.3		0.21	1	10.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	41		0.56	1	10.2	ug/L
95-57-8	2-Chlorophenol	37.4		0.55	1	10.2	ug/L
95-48-7	2-Methylphenol	30.2		0.24	1	10.2	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	42.5		0.17	1	10.2	ug/L
98-86-2	Acetophenone	54.7		0.14	1	10.2	ug/L
65794-96-9	3+4-Methylphenols	30		0.39	1	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46.9		0.2	1	10.2	ug/L
67-72-1	Hexachloroethane	44.7		0.26	1	10.2	ug/L
98-95-3	Nitrobenzene	53.4		0.69	1	10.2	ug/L
78-59-1	Isophorone	48.4		0.31	1	10.2	ug/L
88-75-5	2-Nitrophenol	46.9		0.53	1	10.2	ug/L
105-67-9	2,4-Dimethylphenol	39		0.72	1	10.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	57.1		0.56	1	10.2	ug/L
120-83-2	2,4-Dichlorophenol	46		0.67	1	10.2	ug/L
91-20-3	Naphthalene	44.6		0.12	1	10.2	ug/L
106-47-8	4-Chloroaniline	4.3	J	1	1	10.2	ug/L
87-68-3	Hexachlorobutadiene	47.2		0.26	1	10.2	ug/L
105-60-2	Caprolactam	6.9	J	1	1	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	40.5		0.41	1	10.2	ug/L
91-57-6	2-Methylnaphthalene	53.4		0.33	1	10.2	ug/L
77-47-4	Hexachlorocyclopentadiene	130	E	0.24	1	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	55.2		0.57	1	10.2	ug/L
95-95-4	2,4,5-Trichlorophenol	51.9		0.41	1	10.2	ug/L
92-52-4	1,1-Biphenyl	50.8		0.15	1	10.2	ug/L
91-58-7	2-Chloronaphthalene	48.6		0.16	1	10.2	ug/L
88-74-4	2-Nitroaniline	49.8		0.5	1	10.2	ug/L
131-11-3	Dimethylphthalate	50.5		0.22	1	10.2	ug/L
208-96-8	Acenaphthylene	50.5		0.71	1	10.2	ug/L
606-20-2	2,6-Dinitrotoluene	45.3		0.33	1	10.2	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MS	SDG No.:	H2802
Lab Sample ID:	H2802-02MS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086731.D	1	05/02/16 13:39	05/06/16 18:37	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	21.2		1	1	10.2	ug/L
83-32-9	Acenaphthene	48.1		0.21	1	10.2	ug/L
51-28-5	2,4-Dinitrophenol	120	E	2.1	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	32.7		2	5.1	10.2	ug/L
132-64-9	Dibenzofuran	56.5		0.24	1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	46.1		1	1	10.2	ug/L
84-66-2	Diethylphthalate	53.8		0.39	1	10.2	ug/L
7005-72-3	4-Chlorophenyl-phenylether	52.4		0.21	1	10.2	ug/L
86-73-7	Fluorene	48.3		0.32	1	10.2	ug/L
100-01-6	4-Nitroaniline	27		1.4	2	10.2	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	63.3		0.76	2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	52.2		0.61	1	10.2	ug/L
101-55-3	4-Bromophenyl-phenylether	52.6		0.23	1	10.2	ug/L
118-74-1	Hexachlorobenzene	51.7		0.18	1	10.2	ug/L
1912-24-9	Atrazine	55.7		0.41	1	10.2	ug/L
87-86-5	Pentachlorophenol	110	E	1	1	10.2	ug/L
85-01-8	Phenanthrene	46		0.27	1	10.2	ug/L
120-12-7	Anthracene	50.4		0.16	1	10.2	ug/L
86-74-8	Carbazole	47.6		0.22	1	10.2	ug/L
84-74-2	Di-n-butylphthalate	48.2		1	1	10.2	ug/L
206-44-0	Fluoranthene	49.8		0.41	1	10.2	ug/L
129-00-0	Pyrene	44.9		0.2	1	10.2	ug/L
85-68-7	Butylbenzylphthalate	48.7		0.19	1	10.2	ug/L
91-94-1	3,3-Dichlorobenzidine	10.2	U	1	1	10.2	ug/L
56-55-3	Benzo(a)anthracene	51.4		0.16	1	10.2	ug/L
218-01-9	Chrysene	40.6		0.18	1	10.2	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	52.1		0.16	1	10.2	ug/L
117-84-0	Di-n-octyl phthalate	63.7		0.52	1	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	50.7		0.3	1	10.2	ug/L
207-08-9	Benzo(k)fluoranthene	57.3		0.18	1	10.2	ug/L
50-32-8	Benzo(a)pyrene	53.1		0.14	1	10.2	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.2		0.15	1	10.2	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.5		0.43	1	10.2	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MS	SDG No.:	H2802
Lab Sample ID:	H2802-02MS	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086731.D	1	05/02/16 13:39	05/06/16 18:37	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	47.4		0.3	1	10.2	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	48.4		0.2	1	10.2	ug/L
123-91-1	1,4-Dioxane	14.5		0.2	5.1	10.2	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	62.4		0.2	1	10.2	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	62.4		10 - 130		42%	SPK: 150
13127-88-3	Phenol-d6	39.3		10 - 130		26%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.8		36 - 131		93%	SPK: 100
321-60-8	2-Fluorobiphenyl	110		39 - 131		106%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		25 - 155		101%	SPK: 150
1718-51-0	Terphenyl-d14	74		23 - 130		74%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182132	6.7				
1146-65-2	Naphthalene-d8	718506	8				
15067-26-2	Acenaphthene-d10	317596	9.74				
1517-22-2	Phenanthrene-d10	567070	11.23				
1719-03-5	Chrysene-d12	393472	13.86				
1520-96-3	Perylene-d12	324578	15.24				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MSD	SDG No.:	H2802
Lab Sample ID:	H2802-03MSD	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086732.D	1	05/02/16 13:39	05/06/16 19:06	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	16.2		0.78	1	10.1	ug/L
108-95-2	Phenol	16		0.21	1	10.1	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.5		0.56	1	10.1	ug/L
95-57-8	2-Chlorophenol	39.1		0.55	1	10.1	ug/L
95-48-7	2-Methylphenol	31.7		0.24	1	10.1	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.5		0.17	1	10.1	ug/L
98-86-2	Acetophenone	55.5		0.14	1	10.1	ug/L
65794-96-9	3+4-Methylphenols	32.1		0.38	1	10.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	49		0.2	1	10.1	ug/L
67-72-1	Hexachloroethane	46.3		0.25	1	10.1	ug/L
98-95-3	Nitrobenzene	53.3		0.69	1	10.1	ug/L
78-59-1	Isophorone	49		0.3	1	10.1	ug/L
88-75-5	2-Nitrophenol	48		0.53	1	10.1	ug/L
105-67-9	2,4-Dimethylphenol	40.8		0.72	1	10.1	ug/L
111-91-1	bis(2-Chloroethoxy)methane	57		0.56	1	10.1	ug/L
120-83-2	2,4-Dichlorophenol	47.3		0.67	1	10.1	ug/L
91-20-3	Naphthalene	45.2		0.12	1	10.1	ug/L
106-47-8	4-Chloroaniline	17.7		1	1	10.1	ug/L
87-68-3	Hexachlorobutadiene	47.3		0.25	1	10.1	ug/L
105-60-2	Caprolactam	6.8	J	1	1	10.1	ug/L
59-50-7	4-Chloro-3-methylphenol	40.4		0.4	1	10.1	ug/L
91-57-6	2-Methylnaphthalene	53.3		0.32	1	10.1	ug/L
77-47-4	Hexachlorocyclopentadiene	130	E	0.24	1	10.1	ug/L
88-06-2	2,4,6-Trichlorophenol	55		0.57	1	10.1	ug/L
95-95-4	2,4,5-Trichlorophenol	52.2		0.4	1	10.1	ug/L
92-52-4	1,1-Biphenyl	48.6		0.15	1	10.1	ug/L
91-58-7	2-Chloronaphthalene	47.4		0.16	1	10.1	ug/L
88-74-4	2-Nitroaniline	49.6		0.49	1	10.1	ug/L
131-11-3	Dimethylphthalate	47.3		0.22	1	10.1	ug/L
208-96-8	Acenaphthylene	49.3		0.71	1	10.1	ug/L
606-20-2	2,6-Dinitrotoluene	46.1		0.32	1	10.1	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MSD	SDG No.:	H2802
Lab Sample ID:	H2802-03MSD	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086732.D	1	05/02/16 13:39	05/06/16 19:06	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
99-09-2	3-Nitroaniline	23.2		1	1	10.1	ug/L
83-32-9	Acenaphthene	47.5		0.21	1	10.1	ug/L
51-28-5	2,4-Dinitrophenol	120	E	2.1	8.1	10.1	ug/L
100-02-7	4-Nitrophenol	33.2		2	5.1	10.1	ug/L
132-64-9	Dibenzofuran	56.2		0.24	1	10.1	ug/L
121-14-2	2,4-Dinitrotoluene	44.4		1	1	10.1	ug/L
84-66-2	Diethylphthalate	55.1		0.38	1	10.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	52.5		0.21	1	10.1	ug/L
86-73-7	Fluorene	46.2		0.31	1	10.1	ug/L
100-01-6	4-Nitroaniline	20.2		1.4	2	10.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	65.3		0.75	2	10.1	ug/L
86-30-6	n-Nitrosodiphenylamine	52.9		0.61	1	10.1	ug/L
101-55-3	4-Bromophenyl-phenylether	52.2		0.23	1	10.1	ug/L
118-74-1	Hexachlorobenzene	51.4		0.18	1	10.1	ug/L
1912-24-9	Atrazine	53.6		0.4	1	10.1	ug/L
87-86-5	Pentachlorophenol	110	E	1	1	10.1	ug/L
85-01-8	Phenanthrene	45.2		0.26	1	10.1	ug/L
120-12-7	Anthracene	49.9		0.16	1	10.1	ug/L
86-74-8	Carbazole	47.9		0.22	1	10.1	ug/L
84-74-2	Di-n-butylphthalate	48.5		1	1	10.1	ug/L
206-44-0	Fluoranthene	48.2		0.4	1	10.1	ug/L
129-00-0	Pyrene	44.3		0.2	1	10.1	ug/L
85-68-7	Butylbenzylphthalate	47.9		0.19	1	10.1	ug/L
91-94-1	3,3-Dichlorobenzidine	10.1	U	1	1	10.1	ug/L
56-55-3	Benzo(a)anthracene	50.2		0.16	1	10.1	ug/L
218-01-9	Chrysene	38.8		0.18	1	10.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.7		0.16	1	10.1	ug/L
117-84-0	Di-n-octyl phthalate	62.6		0.52	1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	49.6		0.29	1	10.1	ug/L
207-08-9	Benzo(k)fluoranthene	53		0.18	1	10.1	ug/L
50-32-8	Benzo(a)pyrene	51.8		0.14	1	10.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	48.4		0.15	1	10.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.5		0.42	1	10.1	ug/L

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MSD	SDG No.:	H2802
Lab Sample ID:	H2802-03MSD	Matrix:	Water
Analytical Method:	SW8270	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF086732.D	1	05/02/16 13:39	05/06/16 19:06	PB90240

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
191-24-2	Benzo(g,h,i)perylene	47.3		0.29	1	10.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	48.6		0.2	1	10.1	ug/L
123-91-1	1,4-Dioxane	17.1		0.2	5.1	10.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	62.4		0.2	1	10.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	66.8		10 - 130		45%	SPK: 150
13127-88-3	Phenol-d6	41		10 - 130		27%	SPK: 150
4165-60-0	Nitrobenzene-d5	97		36 - 131		97%	SPK: 100
321-60-8	2-Fluorobiphenyl	110		39 - 131		107%	SPK: 100
118-79-6	2,4,6-Tribromophenol	160		25 - 155		104%	SPK: 150
1718-51-0	Terphenyl-d14	67.9		23 - 130		68%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172798	6.7				
1146-65-2	Naphthalene-d8	691878	8				
15067-26-2	Acenaphthene-d10	308728	9.74				
1517-22-2	Phenanthrene-d10	550779	11.23				
1719-03-5	Chrysene-d12	383068	13.86				
1520-96-3	Perylene-d12	313208	15.23				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

CALIBRATION SUMMARY

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG No.: H2802
 Instrument ID: BNA_F Calibration Date(s): 05/04/2016 05/04/2016
 Calibration Time(s): 11:20 14:11

LAB FILE ID:	RRF2.5 = BF086669.D			RRF010 = BF086670.D		RRF025 = BF086671.D		
	RRF040 = BF086672.D			RRF050 = BF086673.D		RRF060 = BF086674.D		
COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
2-Fluorophenol	1.116	1.281	1.276	1.271	1.193	1.125	1.208	5.8
Benzaldehyde		0.972	0.905	0.715	0.767	0.701	0.812	14.8
Phenol-d6	1.764	1.804	1.596	1.643	1.543	1.577	1.627	7.4
Phenol	1.810	1.987	1.791	1.819	1.776	1.618	1.780	6.7
bis(2-Chloroethyl)ether	1.813	1.594	1.593	1.452	1.447	1.539	1.532	10.7
2-Chlorophenol	1.650	1.561	1.461	1.477	1.346	1.324	1.450	8.6
2-Methylphenol	1.229	1.235	1.174	1.133	1.160	1.163	1.167	4.6
2,2-oxybis(1-Chloropropane)	3.822	3.515	3.098	2.972	2.839	2.873	3.133	12.4
Acetophenone	0.496	0.521	0.464	0.481	0.443	0.426	0.466	7.6
3+4-Methylphenols	1.489	1.525	1.434	1.390	1.220	1.388	1.367	10.7
n-Nitroso-di-n-propylamine	1.262	1.221	1.100	1.016	1.131	0.973	1.112	9.3
Nitrobenzene-d5	0.410	0.406	0.409	0.393	0.362	0.388	0.389	5.7
Hexachloroethane	0.653	0.611	0.605	0.608	0.595	0.587	0.601	5.2
Nitrobenzene	0.392	0.429	0.424	0.388	0.428	0.382	0.402	5.9
Isophorone	0.777	0.790	0.708	0.720	0.679	0.699	0.725	5.8
2-Nitrophenol	0.152	0.188	0.195	0.183	0.171	0.176	0.180	8.3
2,4-Dimethylphenol	0.324	0.327	0.338	0.309	0.294	0.321	0.315	5.3
bis(2-Chloroethoxy)methane	0.440	0.430	0.398	0.373	0.391	0.401	0.399	7.2
2,4-Dichlorophenol	0.275	0.295	0.279	0.268	0.269	0.269	0.271	5.8
Naphthalene	1.280	1.162	0.995	0.969	0.942	0.949	1.022	14.4
4-Chloroaniline	0.396	0.416	0.428	0.396	0.367	0.376	0.396	5.3
Hexachlorobutadiene	0.199	0.194	0.183	0.172	0.158	0.153	0.172	12.4
Caprolactam	0.078	0.089	0.092	0.085	0.079	0.080	0.084	6.4
4-Chloro-3-methylphenol	0.341	0.323	0.315	0.323	0.279	0.310	0.309	7.9
2-Methylnaphthalene	0.684	0.673	0.658	0.622	0.549	0.521	0.603	12.2
Hexachlorocyclopentadiene		0.181	0.208	0.225	0.243	0.270	0.233	15.2
2,4,6-Trichlorophenol	0.335	0.372	0.364	0.367	0.369	0.405	0.368	5.6
2-Fluorobiphenyl		1.455	1.368	1.223	1.065	1.097	1.220	13.1
2,4,5-Trichlorophenol	0.365	0.391	0.413	0.407	0.379	0.377	0.385	5.3
1,1-Biphenyl	1.959	1.794	1.619	1.767	1.577	1.460	1.635	14.0
2-Chloronaphthalene	1.450	1.408	1.271	1.283	1.211	1.164	1.262	11.0
2-Nitroaniline	0.425	0.452	0.462	0.431	0.429	0.485	0.449	4.9
Dimethylphthalate	1.651	1.635	1.485	1.418	1.431	1.358	1.491	7.4
Acenaphthylene		2.152	2.001	2.006	1.815	1.697	1.873	11.7
2,6-Dinitrotoluene	0.318	0.345	0.314	0.336	0.304	0.289	0.320	6.2
3-Nitroaniline	0.370	0.380	0.371	0.356	0.364	0.347	0.364	3.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG No.: H2802
 Instrument ID: BNA_F Calibration Date(s): 05/04/2016 05/04/2016
 Calibration Time(s): 11:20 14:11

LAB FILE ID:								
RRF2.5 = BF086669.D			RRF010 = BF086670.D			RRF025 = BF086671.D		
RRF040 = BF086672.D			RRF050 = BF086673.D			RRF060 = BF086674.D		
COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
Acenaphthene	1.489	1.328	1.280	1.243	1.112	1.107	1.236	11.8
2,4-Dinitrophenol		0.022	0.056	0.076	0.099	0.116	0.083	47.9
4-Nitrophenol		0.156	0.205	0.223	0.220	0.248	0.212	14.5
Dibenzofuran	1.766	1.685	1.625	1.590	1.470	1.334	1.532	12.3
2,4-Dinitrotoluene	0.389	0.435	0.416	0.422	0.366	0.385	0.397	7.2
Diethylphthalate	1.607	1.586	1.409	1.357	1.377	1.338	1.411	10.1
4-Chlorophenyl-phenylether		0.728	0.619	0.573	0.521	0.543	0.590	12.7
Fluorene		1.463	1.321	1.321	1.247	1.106	1.241	13.7
4-Nitroaniline	0.308	0.355	0.364	0.359	0.348	0.355	0.350	5.4
4,6-Dinitro-2-methylphenol		0.042	0.082	0.088	0.112	0.105	0.092	31.5
n-Nitrosodiphenylamine	0.702	0.658	0.657	0.662	0.609	0.569	0.635	7.4
2,4,6-Tribromophenol	0.170	0.203	0.207	0.209	0.194	0.182	0.196	7.4
4-Bromophenyl-phenylether	0.205	0.212	0.213	0.212	0.192	0.183	0.199	7.9
Hexachlorobenzene	0.263	0.251	0.240	0.239	0.246	0.246	0.242	6.5
Atrazine	0.205	0.205	0.225	0.188	0.186	0.197	0.195	11.1
Pentachlorophenol		0.066	0.094	0.101	0.113	0.120	0.102	19.5
Phenanthrene	1.245	1.146	1.081	1.031	1.057	1.043	1.074	9.5
Anthracene	1.253	1.184	1.239	1.175	1.027	1.001	1.125	10.1
Carbazole	1.025	1.014	1.038	1.021	0.996	0.913	0.977	7.9
Di-n-butylphthalate	1.301	1.245	1.235	1.125	1.057	1.083	1.160	8.5
Fluoranthene	1.185	1.128	1.198	1.140	1.027	0.937	1.077	10.7
Pyrene	1.743	1.559	1.604	1.794	1.678	1.481	1.594	10.5
Terphenyl-d14	1.071	0.999	1.056	1.067	0.944	0.878	0.990	8.0
Butylbenzylphthalate	0.554	0.606	0.676	0.714	0.751	0.749	0.668	11.3
3,3-Dichlorobenzidine	0.675	0.702	0.738	0.900	0.717	0.629	0.711	13.4
Benzo (a) anthracene	1.228	1.178	1.144	1.156	1.119	1.064	1.131	6.0
Chrysene	1.352	1.212	1.242	1.287	1.293	1.138	1.207	11.8
Bis (2-ethylhexyl) phthalate	0.730	0.749	0.814	0.838	0.834	0.774	0.773	7.9
Di-n-octyl phthalate	0.960	1.063	1.203	1.212	1.241	1.188	1.137	9.0
Benzo (b) fluoranthene	1.079	1.097	1.378	1.268	1.178	1.066	1.202	10.8
Benzo (k) fluoranthene		1.400	1.054	1.035	1.034	1.138	1.132	13.8
Benzo (a) pyrene	1.221	1.131	1.110	1.102	1.083	1.059	1.107	5.3
Indeno (1,2,3-cd) pyrene	0.858	0.887	0.991	1.143	1.172	1.133	1.035	12.2
Dibenzo (a,h) anthracene	1.012	1.053	1.074	1.134	1.083	1.094	1.063	4.5
Benzo (g,h,i) perylene	1.127	1.051	1.100	1.193	1.131	1.149	1.116	4.4
1,2,4,5-Tetrachlorobenzene	0.640	0.626	0.574	0.572	0.563	0.570	0.579	7.5

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG No.: H2802
 Instrument ID: BNA_F Calibration Date(s): 05/04/2016 05/04/2016
 Calibration Time(s): 11:20 14:11

LAB FILE ID:		RRF2.5 = BF086669.D			RRF010 = BF086670.D		RRF025 = BF086671.D	
		RRF040 = BF086672.D			RRF050 = BF086673.D		RRF060 = BF086674.D	
COMPOUND	RRF2.5	RRF010	RRF025	RRF040	RRF050	RRF060	RRF	% RSD
1,4-Dioxane	0.717	0.630	0.593	0.628	0.597	0.612	0.624	7.0
2,3,4,6-Tetrachlorophenol	0.248	0.281	0.305	0.291	0.271	0.295	0.282	6.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG No.: H2802
 Instrument ID: BNA_F Calibration Date/Time: 05/06/2016 16:42
 Lab File ID: BF086727.D Init. Calib. Date(s): 05/04/2016 05/04/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:20 14:11
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.208	1.220		1.0	
Benzaldehyde	0.812	0.756		-6.9	
Phenol-d6	1.627	1.521		-6.5	
Phenol	1.780	1.826		2.6	20.0
bis(2-Chloroethyl) ether	1.532	1.392		-9.1	
2-Chlorophenol	1.450	1.389		-4.2	
2-Methylphenol	1.167	1.104		-5.4	
2,2-oxybis(1-Chloropropane)	3.133	2.795		-10.8	
Acetophenone	0.466	0.488		4.7	
3+4-Methylphenols	1.367	1.362		-0.4	
n-Nitroso-di-n-propylamine	1.112	0.988	0.050	-11.2	
Nitrobenzene-d5	0.389	0.366		-5.9	
Hexachloroethane	0.601	0.598		-0.5	
Nitrobenzene	0.402	0.441		9.7	
Isophorone	0.725	0.728		0.4	
2-Nitrophenol	0.180	0.175		-2.8	20.0
2,4-Dimethylphenol	0.315	0.302		-4.1	
bis(2-Chloroethoxy) methane	0.399	0.432		8.3	
2,4-Dichlorophenol	0.271	0.279		3.0	20.0
Naphthalene	1.022	0.943		-7.7	
4-Chloroaniline	0.396	0.372		-6.1	
Hexachlorobutadiene	0.172	0.170		-1.2	20.0
Caprolactam	0.084	0.103		22.6	
4-Chloro-3-methylphenol	0.309	0.288		-6.8	20.0
2-Methylnaphthalene	0.603	0.621		3.0	
Hexachlorocyclopentadiene	0.233	0.371	0.050	59.2	
2,4,6-Trichlorophenol	0.368	0.437		18.8	20.0
2-Fluorobiphenyl	1.220	1.334		9.3	
2,4,5-Trichlorophenol	0.385	0.428		11.2	
1,1-Biphenyl	1.635	1.645		0.6	
2-Chloronaphthalene	1.262	1.222		-3.2	
2-Nitroaniline	0.449	0.486		8.2	
Dimethylphthalate	1.491	1.454		-2.5	
Acenaphthylene	1.873	1.873		0.0	
2,6-Dinitrotoluene	0.320	0.336		5.0	
3-Nitroaniline	0.364	0.312		-14.3	
Acenaphthene	1.236	1.138		-7.9	20.0
2,4-Dinitrophenol	0.083	0.194	0.050	133.7	
4-Nitrophenol	0.212	0.221	0.050	4.2	
Dibenzofuran	1.532	1.518		-0.9	
2,4-Dinitrotoluene	0.397	0.366		-7.8	

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG No.: H2802
 Instrument ID: BNA_F Calibration Date/Time: 05/06/2016 16:42
 Lab File ID: BF086727.D Init. Calib. Date(s): 05/04/2016 05/04/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:20 14:11
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.411	1.571		11.3	
4-Chlorophenyl-phenylether	0.590	0.638		8.1	
Fluorene	1.241	1.155		-6.9	
4-Nitroaniline	0.350	0.303		-13.4	
4,6-Dinitro-2-methylphenol	0.092	0.150		63.0	
n-Nitrosodiphenylamine	0.635	0.635		0.0	20.0
2,4,6-Tribromophenol	0.196	0.220		12.2	
4-Bromophenyl-phenylether	0.199	0.197		-1.0	
Hexachlorobenzene	0.242	0.245		1.2	
Atrazine	0.195	0.194		-0.5	
Pentachlorophenol	0.102	0.141		38.2	20.0
Phenanthrene	1.074	1.009		-6.1	
Anthracene	1.125	1.036		-7.9	
Carbazole	0.977	0.963		-1.4	
Di-n-butylphthalate	1.160	1.123		-3.2	
Fluoranthene	1.077	0.967		-10.2	20.0
Pyrene	1.594	1.365		-14.4	
Terphenyl-d14	0.990	0.833		-15.9	
Butylbenzylphthalate	0.668	0.639		-4.3	
3,3-Dichlorobenzidine	0.711	0.856		20.4	
Benzo(a)anthracene	1.131	1.121		-0.9	
Chrysene	1.207	1.087		-9.9	
Bis(2-ethylhexyl)phthalate	0.773	0.789		2.1	
Di-n-octyl phthalate	1.137	1.377		21.1	20.0
Benzo(b)fluoranthene	1.202	1.130		-6.0	
Benzo(k)fluoranthene	1.132	1.262		11.5	
Benzo(a)pyrene	1.107	1.075		-2.9	20.0
Indeno(1,2,3-cd)pyrene	1.035	0.869		-16.0	
Dibenzo(a,h)anthracene	1.063	0.901		-15.2	
Benzo(g,h,i)perylene	1.116	0.916		-17.9	
1,2,4,5-Tetrachlorobenzene	0.579	0.613		5.9	
1,4-Dioxane	0.624	0.579		-7.2	20.0
2,3,4,6-Tetrachlorophenol	0.282	0.303		7.4	

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG No.: H2802
 Instrument ID: BNA_F Calibration Date/Time: 05/07/2016 17:10
 Lab File ID: BF086778.D Init. Calib. Date(s): 05/04/2016 05/04/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:20 14:11
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.208	1.098		-9.1	
Benzaldehyde	0.812	0.775		-4.6	
Phenol-d6	1.627	1.460		-10.3	
Phenol	1.780	1.785		0.3	20.0
bis(2-Chloroethyl) ether	1.532	1.471		-4.0	
2-Chlorophenol	1.450	1.413		-2.6	
2-Methylphenol	1.167	1.094		-6.3	
2,2-oxybis(1-Chloropropane)	3.133	2.967		-5.3	
Acetophenone	0.466	0.494		6.0	
3+4-Methylphenols	1.367	1.401		2.5	
n-Nitroso-di-n-propylamine	1.112	0.990	0.050	-11.0	
Nitrobenzene-d5	0.389	0.381		-2.1	
Hexachloroethane	0.601	0.615		2.3	
Nitrobenzene	0.402	0.371		-7.7	
Isophorone	0.725	0.725		0.0	
2-Nitrophenol	0.180	0.192		6.7	20.0
2,4-Dimethylphenol	0.315	0.291		-7.6	
bis(2-Chloroethoxy) methane	0.399	0.386		-3.3	
2,4-Dichlorophenol	0.271	0.266		-1.8	20.0
Naphthalene	1.022	0.975		-4.6	
4-Chloroaniline	0.396	0.368		-7.1	
Hexachlorobutadiene	0.172	0.171		-0.6	20.0
Caprolactam	0.084	0.086		2.4	
4-Chloro-3-methylphenol	0.309	0.318		2.9	20.0
2-Methylnaphthalene	0.603	0.544		-9.8	
Hexachlorocyclopentadiene	0.233	0.298	0.050	27.9	
2,4,6-Trichlorophenol	0.368	0.373		1.4	20.0
2-Fluorobiphenyl	1.220	1.093		-10.4	
2,4,5-Trichlorophenol	0.385	0.405		5.2	
1,1-Biphenyl	1.635	1.654		1.2	
2-Chloronaphthalene	1.262	1.236		-2.1	
2-Nitroaniline	0.449	0.404		-10.0	
Dimethylphthalate	1.491	1.452		-2.6	
Acenaphthylene	1.873	1.757		-6.2	
2,6-Dinitrotoluene	0.320	0.345		7.8	
3-Nitroaniline	0.364	0.340		-6.6	
Acenaphthene	1.236	1.109		-10.3	20.0
2,4-Dinitrophenol	0.083	0.153	0.050	84.3	
4-Nitrophenol	0.212	0.188	0.050	-11.3	
Dibenzofuran	1.532	1.400		-8.6	
2,4-Dinitrotoluene	0.397	0.395		-0.5	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG No.: H2802
 Instrument ID: BNA_F Calibration Date/Time: 05/07/2016 17:10
 Lab File ID: BF086778.D Init. Calib. Date(s): 05/04/2016 05/04/2016
 EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:20 14:11
 GC Column: RTX-5 ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Diethylphthalate	1.411	1.377		-2.4	
4-Chlorophenyl-phenylether	0.590	0.515		-12.7	
Fluorene	1.241	1.267		2.1	
4-Nitroaniline	0.350	0.317		-9.4	
4,6-Dinitro-2-methylphenol	0.092	0.133		44.6	
n-Nitrosodiphenylamine	0.635	0.583		-8.2	20.0
2,4,6-Tribromophenol	0.196	0.180		-8.2	
4-Bromophenyl-phenylether	0.199	0.215		8.0	
Hexachlorobenzene	0.242	0.233		-3.7	
Atrazine	0.195	0.204		4.6	
Pentachlorophenol	0.102	0.142		39.2	20.0
Phenanthrene	1.074	1.030		-4.1	
Anthracene	1.125	1.063		-5.5	
Carbazole	0.977	0.875		-10.4	
Di-n-butylphthalate	1.160	1.062		-8.4	
Fluoranthene	1.077	1.080		0.3	20.0
Pyrene	1.594	1.784		11.9	
Terphenyl-d14	0.990	1.078		8.9	
Butylbenzylphthalate	0.668	0.792		18.6	
3,3-Dichlorobenzidine	0.711	0.833		17.2	
Benzo(a)anthracene	1.131	1.181		4.4	
Chrysene	1.207	1.329		10.1	
Bis(2-ethylhexyl)phthalate	0.773	0.980		26.8	
Di-n-octyl phthalate	1.137	1.739		52.9	20.0
Benzo(b)fluoranthene	1.202	1.469		22.2	
Benzo(k)fluoranthene	1.132	0.886		-21.7	
Benzo(a)pyrene	1.107	1.081		-2.3	20.0
Indeno(1,2,3-cd)pyrene	1.035	1.128		9.0	
Dibenzo(a,h)anthracene	1.063	0.967		-9.0	
Benzo(g,h,i)perylene	1.116	0.954		-14.5	
1,2,4,5-Tetrachlorobenzene	0.579	0.618		6.7	
1,4-Dioxane	0.624	0.586		-6.1	20.0
2,3,4,6-Tetrachlorophenol	0.282	0.310		9.9	

All other compounds must meet a minimum RRF of 0.010.

LAB CHRONICLE

OrderID:	H2802	OrderDate:	4/29/2016 1:47:00 PM
Client:	LaBella Associates P.C.	Project:	4185 Military Road, Niagara, NY
Contact:	Adam Zebrowski	Location:	F22

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2802-01	MW-1	Water	Pesticide-TCL	8081B	04/27/16	05/02/16	05/03/16	04/29/16
H2802-04	MW-2	Water	Pesticide-TCL	8081B	04/27/16	05/02/16	05/03/16	04/29/16
H2802-05	MW-3	Water	Pesticide-TCL	8081B	04/27/16	05/02/16	05/03/16	04/29/16
H2802-06	MW-4	Water	Pesticide-TCL	8081B	04/27/16	05/02/16	05/03/16	04/29/16

Hit Summary Sheet
SW-846

SDG No.:

Order ID:

Client:

Project ID:

Sample ID	Client ID	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :								

Total Concentration:

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1	SDG No.:	H2802
Lab Sample ID:	H2802-01	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033411.D	1	05/02/16 14:40	05/03/16 12:55	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.0515	U	0.0053	0.0103	0.0515	ug/L
319-85-7	beta-BHC	0.0515	U	0.0089	0.0103	0.0515	ug/L
319-86-8	delta-BHC	0.0515	U	0.0058	0.0103	0.0515	ug/L
58-89-9	gamma-BHC (Lindane)	0.0515	U	0.0057	0.0103	0.0515	ug/L
76-44-8	Heptachlor	0.0515	U	0.0071	0.0103	0.0515	ug/L
309-00-2	Aldrin	0.0515	U	0.0064	0.0103	0.0515	ug/L
1024-57-3	Heptachlor epoxide	0.0515	U	0.0069	0.0103	0.0515	ug/L
959-98-8	Endosulfan I	0.0515	U	0.0063	0.0103	0.0515	ug/L
60-57-1	Dieldrin	0.0515	U	0.0052	0.0103	0.0515	ug/L
72-55-9	4,4-DDE	0.0515	U	0.0052	0.0103	0.0515	ug/L
72-20-8	Endrin	0.0515	U	0.006	0.0103	0.0515	ug/L
33213-65-9	Endosulfan II	0.0515	U	0.0057	0.0103	0.0515	ug/L
72-54-8	4,4-DDD	0.0515	U	0.0073	0.0103	0.0515	ug/L
1031-07-8	Endosulfan Sulfate	0.0515	U	0.0062	0.0103	0.0515	ug/L
50-29-3	4,4-DDT	0.0515	U	0.0061	0.0103	0.0515	ug/L
72-43-5	Methoxychlor	0.0515	U	0.0052	0.0103	0.0515	ug/L
53494-70-5	Endrin ketone	0.0515	U	0.0059	0.0103	0.0515	ug/L
7421-93-4	Endrin aldehyde	0.0515	U	0.0052	0.0103	0.0515	ug/L
5103-71-9	alpha-Chlordane	0.0515	U	0.0052	0.0103	0.0515	ug/L
5103-74-2	gamma-Chlordane	0.0515	U	0.0052	0.0103	0.0515	ug/L
8001-35-2	Toxaphene	0.516	U	0.103	0.103	0.516	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	15.5		10 - 192		77%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.8		10 - 172		89%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.			Date Collected:	04/27/16	
Project:	4185 Military Road, Niagara, NY			Date Received:	04/29/16	
Client Sample ID:	MW-1			SDG No.:	H2802	
Lab Sample ID:	H2802-01			Matrix:	Water	
Analytical Method:	SW8081			% Moisture:	100	Decanted:
Sample Wt/Vol:	970	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	Pesticide-TCL	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0		PH :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033411.D	1	05/02/16 14:40	05/03/16 12:55	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-2	SDG No.:	H2802
Lab Sample ID:	H2802-04	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033414.D	1	05/02/16 14:40	05/03/16 13:36	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.0505	U	0.0052	0.0101	0.0505	ug/L
319-85-7	beta-BHC	0.0505	U	0.0087	0.0101	0.0505	ug/L
319-86-8	delta-BHC	0.0505	U	0.0057	0.0101	0.0505	ug/L
58-89-9	gamma-BHC (Lindane)	0.0505	U	0.0056	0.0101	0.0505	ug/L
76-44-8	Heptachlor	0.0505	U	0.007	0.0101	0.0505	ug/L
309-00-2	Aldrin	0.0505	U	0.0063	0.0101	0.0505	ug/L
1024-57-3	Heptachlor epoxide	0.0505	U	0.0068	0.0101	0.0505	ug/L
959-98-8	Endosulfan I	0.0505	U	0.0062	0.0101	0.0505	ug/L
60-57-1	Dieldrin	0.0505	U	0.0051	0.0101	0.0505	ug/L
72-55-9	4,4-DDE	0.0505	U	0.0051	0.0101	0.0505	ug/L
72-20-8	Endrin	0.0505	U	0.0059	0.0101	0.0505	ug/L
33213-65-9	Endosulfan II	0.0505	U	0.0056	0.0101	0.0505	ug/L
72-54-8	4,4-DDD	0.0505	U	0.0072	0.0101	0.0505	ug/L
1031-07-8	Endosulfan Sulfate	0.0505	U	0.0061	0.0101	0.0505	ug/L
50-29-3	4,4-DDT	0.0505	U	0.006	0.0101	0.0505	ug/L
72-43-5	Methoxychlor	0.0505	U	0.0051	0.0101	0.0505	ug/L
53494-70-5	Endrin ketone	0.0505	U	0.0058	0.0101	0.0505	ug/L
7421-93-4	Endrin aldehyde	0.0505	U	0.0051	0.0101	0.0505	ug/L
5103-71-9	alpha-Chlordane	0.0505	U	0.0051	0.0101	0.0505	ug/L
5103-74-2	gamma-Chlordane	0.0505	U	0.0051	0.0101	0.0505	ug/L
8001-35-2	Toxaphene	0.505	U	0.101	0.101	0.505	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	14.7		10 - 192		74%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.4		10 - 172		87%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.			Date Collected:	04/27/16	
Project:	4185 Military Road, Niagara, NY			Date Received:	04/29/16	
Client Sample ID:	MW-2			SDG No.:	H2802	
Lab Sample ID:	H2802-04			Matrix:	Water	
Analytical Method:	SW8081			% Moisture:	100	Decanted:
Sample Wt/Vol:	990	Units:	mL	Final Vol:	10000	uL
Soil Aliquot Vol:			uL	Test:	Pesticide-TCL	
Extraction Type:				Injection Volume :		
GPC Factor :	1.0		PH :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033414.D	1	05/02/16 14:40	05/03/16 13:36	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-3	SDG No.:	H2802
Lab Sample ID:	H2802-05	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033415.D	1	05/02/16 14:40	05/03/16 13:50	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.0505	U	0.0052	0.0101	0.0505	ug/L
319-85-7	beta-BHC	0.0505	U	0.0087	0.0101	0.0505	ug/L
319-86-8	delta-BHC	0.0505	U	0.0057	0.0101	0.0505	ug/L
58-89-9	gamma-BHC (Lindane)	0.0505	U	0.0056	0.0101	0.0505	ug/L
76-44-8	Heptachlor	0.0505	U	0.007	0.0101	0.0505	ug/L
309-00-2	Aldrin	0.0505	U	0.0063	0.0101	0.0505	ug/L
1024-57-3	Heptachlor epoxide	0.0505	U	0.0068	0.0101	0.0505	ug/L
959-98-8	Endosulfan I	0.0505	U	0.0062	0.0101	0.0505	ug/L
60-57-1	Dieldrin	0.0505	U	0.0051	0.0101	0.0505	ug/L
72-55-9	4,4-DDE	0.0505	U	0.0051	0.0101	0.0505	ug/L
72-20-8	Endrin	0.0505	U	0.0059	0.0101	0.0505	ug/L
33213-65-9	Endosulfan II	0.0505	U	0.0056	0.0101	0.0505	ug/L
72-54-8	4,4-DDD	0.0505	U	0.0072	0.0101	0.0505	ug/L
1031-07-8	Endosulfan Sulfate	0.0505	U	0.0061	0.0101	0.0505	ug/L
50-29-3	4,4-DDT	0.0505	U	0.006	0.0101	0.0505	ug/L
72-43-5	Methoxychlor	0.0505	U	0.0051	0.0101	0.0505	ug/L
53494-70-5	Endrin ketone	0.0505	U	0.0058	0.0101	0.0505	ug/L
7421-93-4	Endrin aldehyde	0.0505	U	0.0051	0.0101	0.0505	ug/L
5103-71-9	alpha-Chlordane	0.0505	U	0.0051	0.0101	0.0505	ug/L
5103-74-2	gamma-Chlordane	0.0505	U	0.0051	0.0101	0.0505	ug/L
8001-35-2	Toxaphene	0.505	U	0.101	0.101	0.505	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	16.8		10 - 192		84%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.2		10 - 172		86%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-3	SDG No.:	H2802
Lab Sample ID:	H2802-05	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	10000
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033415.D	1	05/02/16 14:40	05/03/16 13:50	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-4	SDG No.:	H2802
Lab Sample ID:	H2802-06	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:		uL	
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033416.D	1	05/02/16 14:40	05/03/16 14:04	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.0515	U	0.0053	0.0103	0.0515	ug/L
319-85-7	beta-BHC	0.0515	U	0.0089	0.0103	0.0515	ug/L
319-86-8	delta-BHC	0.0515	U	0.0058	0.0103	0.0515	ug/L
58-89-9	gamma-BHC (Lindane)	0.0515	U	0.0057	0.0103	0.0515	ug/L
76-44-8	Heptachlor	0.0515	U	0.0071	0.0103	0.0515	ug/L
309-00-2	Aldrin	0.0515	U	0.0064	0.0103	0.0515	ug/L
1024-57-3	Heptachlor epoxide	0.0515	U	0.0069	0.0103	0.0515	ug/L
959-98-8	Endosulfan I	0.0515	U	0.0063	0.0103	0.0515	ug/L
60-57-1	Dieldrin	0.0515	U	0.0052	0.0103	0.0515	ug/L
72-55-9	4,4-DDE	0.0515	U	0.0052	0.0103	0.0515	ug/L
72-20-8	Endrin	0.0515	U	0.006	0.0103	0.0515	ug/L
33213-65-9	Endosulfan II	0.0515	U	0.0057	0.0103	0.0515	ug/L
72-54-8	4,4-DDD	0.0515	U	0.0073	0.0103	0.0515	ug/L
1031-07-8	Endosulfan Sulfate	0.0515	U	0.0062	0.0103	0.0515	ug/L
50-29-3	4,4-DDT	0.0515	U	0.0061	0.0103	0.0515	ug/L
72-43-5	Methoxychlor	0.0515	U	0.0052	0.0103	0.0515	ug/L
53494-70-5	Endrin ketone	0.0515	U	0.0059	0.0103	0.0515	ug/L
7421-93-4	Endrin aldehyde	0.0515	U	0.0052	0.0103	0.0515	ug/L
5103-71-9	alpha-Chlordane	0.0515	U	0.0052	0.0103	0.0515	ug/L
5103-74-2	gamma-Chlordane	0.0515	U	0.0052	0.0103	0.0515	ug/L
8001-35-2	Toxaphene	0.516	U	0.103	0.103	0.516	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	16.1		10 - 192		80%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17		10 - 172		85%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-4	SDG No.:	H2802
Lab Sample ID:	H2802-06	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	970	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033416.D	1	05/02/16 14:40	05/03/16 14:04	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

QC SUMMARY

Surrogate Summary

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PD032981.D	PIBLK-PD032981.D	Decachlorobiphenyl	1	20	21.41	107		10	192
		Tetrachloro-m-xylene	1	20	21.34	107		10	172
		Decachlorobiphenyl	2	20	20.44	102		10	192
		Tetrachloro-m-xylene	2	20	19.97	100		10	172
I.BLK-PD033401.D	PIBLK-PD033401.D	Decachlorobiphenyl	1	20	20.59	103		10	192
		Tetrachloro-m-xylene	1	20	20.84	104		10	172
		Decachlorobiphenyl	2	20	23.17	116		10	192
		Tetrachloro-m-xylene	2	20	22.22	111		10	172
PB90241BL	PB90241BL	Decachlorobiphenyl	1	20	16.33	82		10	192
		Tetrachloro-m-xylene	1	20	15.41	77		10	172
		Decachlorobiphenyl	2	20	18.74	94		10	192
		Tetrachloro-m-xylene	2	20	16.39	82		10	172
PB90241BS	PB90241BS	Decachlorobiphenyl	1	20	19.29	96		10	192
		Tetrachloro-m-xylene	1	20	19.1	96		10	172
		Decachlorobiphenyl	2	20	21.3	106		10	192
		Tetrachloro-m-xylene	2	20	19.16	96		10	172
H2802-01	MW-1	Decachlorobiphenyl	1	20	15.49	77		10	192
		Tetrachloro-m-xylene	1	20	17.8	89		10	172
		Decachlorobiphenyl	2	20	17.02	85		10	192
		Tetrachloro-m-xylene	2	20	117	585	*	10	172
H2802-02MS	MW-1MS	Decachlorobiphenyl	1	20	14.63	73		10	192
		Tetrachloro-m-xylene	1	20	17.86	89		10	172
		Decachlorobiphenyl	2	20	16.11	81		10	192
		Tetrachloro-m-xylene	2	20	115.9	580	*	10	172
H2802-03MSD	MW-1MSD	Decachlorobiphenyl	1	20	14.8	74		10	192
		Tetrachloro-m-xylene	1	20	17.94	90		10	172
		Decachlorobiphenyl	2	20	16.38	82		10	192
		Tetrachloro-m-xylene	2	20	116.91	585	*	10	172
H2802-04	MW-2	Decachlorobiphenyl	1	20	14.72	74		10	192
		Tetrachloro-m-xylene	1	20	17.43	87		10	172
		Decachlorobiphenyl	2	20	16.04	80		10	192
		Tetrachloro-m-xylene	2	20	27.24	136		10	172
H2802-05	MW-3	Decachlorobiphenyl	1	20	16.8	84		10	192
		Tetrachloro-m-xylene	1	20	17.16	86		10	172
		Decachlorobiphenyl	2	20	18.46	92		10	192
		Tetrachloro-m-xylene	2	20	69.74	349	*	10	172
H2802-06	MW-4	Decachlorobiphenyl	1	20	16.08	80		10	192
		Tetrachloro-m-xylene	1	20	17.02	85		10	172
		Decachlorobiphenyl	2	20	18.12	91		10	192
		Tetrachloro-m-xylene	2	20	181.02	905	*	10	172
I.BLK-PD033418.D	PIBLK-PD033418.D	Decachlorobiphenyl	1	20	21.22	106		10	192
		Tetrachloro-m-xylene	1	20	21.16	106		10	172
		Decachlorobiphenyl	2	20	23.6	118		10	192



Surrogate Summary

SDG No.: H2802
Client: LaBella Associates P.C.
Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PD033418.D	PIBLK-PD033418.D	Tetrachloro-m-xylene	2	20	22.67	113		10	172

- A
- B
- C
- D
- E
- F
- G
- H

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: 8081B

DataFile : PD033412.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: H2802-02MS	MW-1MS											
	alpha-BHC	0.5051	0	0.5867	ug/L	116				46	160	
	beta-BHC	0.5051	0	0.4843	ug/L	96				15	180	
	delta-BHC	0.5051	0	0.4796	ug/L	95				10	200	
	gamma-BHC (Lindane)	0.5051	0	0.4708	ug/L	93				39	164	
	Heptachlor	0.5051	0	0.6469	ug/L	128				38	169	
	Aldrin	0.5051	0	0.5234	ug/L	104				45	147	
	Heptachlor epoxide	0.5051	0	0.4878	ug/L	97				17	170	
	Endosulfan I	0.5051	0	0.4738	ug/L	94				34	157	
	Dieldrin	0.5051	0	0.521	ug/L	103				46	155	
	4,4'-DDE	0.5051	0	0.4745	ug/L	94				36	162	
	Endrin	0.5051	0	0.5043	ug/L	100				33	170	
	Endosulfan II	0.5051	0	0.4846	ug/L	96				21	168	
	4,4'-DDD	0.5051	0	0.4838	ug/L	96				15	196	
	Endosulfan sulfate	0.5051	0	0.488	ug/L	97				14	183	
	4,4'-DDT	0.5051	0	0.5236	ug/L	104				15	194	
	Methoxychlor	0.5051	0	0.4932	ug/L	98				20	189	
	Endrin ketone	0.5051	0	0.4874	ug/L	96				25	200	
	Endrin aldehyde	0.5051	0	0.4734	ug/L	94				28	175	
	alpha-Chlordane	0.5051	0	0.4798	ug/L	95				34	160	
	gamma-Chlordane	0.5051	0	0.5128	ug/L	102				31	163	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: H2802

Client: LaBella Associates P.C.

Analytical Method: 8081B

DataFile : PD033413.D

Lab Sample ID:	Parameter	Spike	Sample		Units	Rec	Rec	RPD		Limits		
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Client Sample ID: H2802-03MSD	MW-1MSD											
	alpha-BHC	0.5208	0	0.6095	ug/L	117		1		46	160	20
	beta-BHC	0.5208	0	0.5004	ug/L	96		0		15	180	20
	delta-BHC	0.5208	0	0.4952	ug/L	95		0		10	200	20
	gamma-BHC (Lindane)	0.5208	0	0.4927	ug/L	95		2		39	164	20
	Heptachlor	0.5208	0	0.6032	ug/L	116		10		38	169	20
	Aldrin	0.5208	0	0.5395	ug/L	104		0		45	147	22
	Heptachlor epoxide	0.5208	0	0.498	ug/L	96		1		17	170	20
	Endosulfan I	0.5208	0	0.4841	ug/L	93		1		34	157	20
	Dieldrin	0.5208	0	0.5372	ug/L	103		0		46	155	20
	4,4'-DDE	0.5208	0	0.4923	ug/L	95		1		36	162	20
	Endrin	0.5208	0	0.5199	ug/L	100		0		33	170	20
	Endosulfan II	0.5208	0	0.5016	ug/L	96		0		21	168	20
	4,4'-DDD	0.5208	0	0.5038	ug/L	97		1		15	196	20
	Endosulfan sulfate	0.5208	0	0.509	ug/L	98		1		14	183	20
	4,4'-DDT	0.5208	0	0.5458	ug/L	105		1		15	194	20
	Methoxychlor	0.5208	0	0.5115	ug/L	98		0		20	189	20
	Endrin ketone	0.5208	0	0.5078	ug/L	98		2		25	200	20
	Endrin aldehyde	0.5208	0	0.4826	ug/L	93		1		28	175	20
	alpha-Chlordane	0.5208	0	0.4931	ug/L	95		0		34	160	20
gamma-Chlordane	0.5208	0	0.5293	ug/L	102		0		31	163	20	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: H2802Client: LaBella Associates P.C.Analytical Method: 8081B Datafile : PD033405.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB90241BS	alpha-BHC	0.5	0.5501	ug/L	110				85	130		
	beta-BHC	0.5	0.5623	ug/L	112				83	126		
	delta-BHC	0.5	0.5215	ug/L	104				69	141		
	gamma-BHC (Lindane)	0.5	0.5181	ug/L	104				82	129		
	Heptachlor	0.5	0.5642	ug/L	113				79	127		
	Aldrin	0.5	0.5669	ug/L	113				79	126		
	Heptachlor epoxide	0.5	0.5662	ug/L	113				81	124		
	Endosulfan I	0.5	0.5682	ug/L	114				85	122		
	Dieldrin	0.5	0.5725	ug/L	115				83	125		
	4,4'-DDE	0.5	0.5743	ug/L	115				80	127		
	Endrin	0.5	0.5746	ug/L	115				81	128		
	Endosulfan II	0.5	0.5641	ug/L	113				82	123		
	4,4'-DDD	0.5	0.5799	ug/L	116				77	131		
	Endosulfan sulfate	0.5	0.5494	ug/L	110				76	129		
	4,4'-DDT	0.5	0.581	ug/L	116				80	133		
	Methoxychlor	0.5	0.5619	ug/L	112				76	137		
	Endrin ketone	0.5	0.5802	ug/L	116				80	131		
	Endrin aldehyde	0.5	0.5575	ug/L	112				82	127		
	alpha-Chlordane	0.5	0.5664	ug/L	113				82	125		
	gamma-Chlordane	0.5	0.5623	ug/L	112				82	125		

4C
PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB90241BL

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2802

SAS No.: H2802 SDG NO.: H2802

Lab Sample ID: PB90241BL

Lab File ID: PD033404.D

Matrix: (soil/water) water

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 05/02/2016

Date Analyzed (1): 05/03/2016

Date Analyzed (2): 05/03/2016

Time Analyzed (1): 11:18

Time Analyzed (2): 11:18

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column (1): ZB-MR2 ID: 0.32 (mm)

GC Column (2): ZB-MR1 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB90241BS	PB90241BS	PD033405.D	05/03/2016	05/03/2016
MW-1	H2802-01	PD033411.D	05/03/2016	05/03/2016
MW-1MS	H2802-02MS	PD033412.D	05/03/2016	05/03/2016
MW-1MSD	H2802-03MSD	PD033413.D	05/03/2016	05/03/2016
MW-2	H2802-04	PD033414.D	05/03/2016	05/03/2016
MW-3	H2802-05	PD033415.D	05/03/2016	05/03/2016
MW-4	H2802-06	PD033416.D	05/03/2016	05/03/2016

COMMENTS: _____

QC SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90241BL	SDG No.:	H2802
Lab Sample ID:	PB90241BL	Matrix:	water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033404.D	1	05/02/16 14:40	05/03/16 11:18	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	16.3		10 - 192		82%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.4		10 - 172		77%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90241BL	SDG No.:	H2802
Lab Sample ID:	PB90241BL	Matrix:	water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033404.D	1	05/02/16 14:40	05/03/16 11:18	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/12/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/12/16
Client Sample ID:	PIBLK-PD032981.D	SDG No.:	H2802
Lab Sample ID:	I.BLK-PD032981.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD032981.D	1		04/12/16	PD041216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.4		10 - 192		107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.3		10 - 172		107%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/12/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/12/16
Client Sample ID:	PIBLK-PD032981.D	SDG No.:	H2802
Lab Sample ID:	I.BLK-PD032981.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD032981.D	1		04/12/16	PD041216

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	05/03/16
Project:	4185 Military Road, Niagara, NY	Date Received:	05/03/16
Client Sample ID:	PIBLK-PD033401.D	SDG No.:	H2802
Lab Sample ID:	I.BLK-PD033401.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033401.D	1		05/03/16	PD050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	20.6		10 - 192		103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.8		10 - 172		104%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	05/03/16
Project:	4185 Military Road, Niagara, NY	Date Received:	05/03/16
Client Sample ID:	PIBLK-PD033401.D	SDG No.:	H2802
Lab Sample ID:	I.BLK-PD033401.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
PH :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033401.D	1		05/03/16	PD050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	05/03/16
Project:	4185 Military Road, Niagara, NY	Date Received:	05/03/16
Client Sample ID:	PIBLK-PD033418.D	SDG No.:	H2802
Lab Sample ID:	I.BLK-PD033418.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033418.D	1		05/03/16	PD050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.05	U	0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.05	U	0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.05	U	0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.05	U	0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.05	U	0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.05	U	0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.05	U	0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.05	U	0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.05	U	0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.05	U	0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.05	U	0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.05	U	0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.05	U	0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.05	U	0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.05	U	0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.05	U	0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.05	U	0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.05	U	0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.05	U	0.005	0.01	0.05	ug/L
8001-35-2	Toxaphene	0.5	U	0.1	0.1	0.5	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.2		10 - 192		106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.2		10 - 172		106%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	05/03/16
Project:	4185 Military Road, Niagara, NY	Date Received:	05/03/16
Client Sample ID:	PIBLK-PD033418.D	SDG No.:	H2802
Lab Sample ID:	I.BLK-PD033418.D	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033418.D	1		05/03/16	PD050316

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90241BS	SDG No.:	H2802
Lab Sample ID:	PB90241BS	Matrix:	water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033405.D	1	05/02/16 14:40	05/03/16 11:32	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.55		0.0051	0.01	0.05	ug/L
319-85-7	beta-BHC	0.562		0.0086	0.01	0.05	ug/L
319-86-8	delta-BHC	0.522		0.0056	0.01	0.05	ug/L
58-89-9	gamma-BHC (Lindane)	0.518		0.0055	0.01	0.05	ug/L
76-44-8	Heptachlor	0.564		0.0069	0.01	0.05	ug/L
309-00-2	Aldrin	0.567		0.0062	0.01	0.05	ug/L
1024-57-3	Heptachlor epoxide	0.566		0.0067	0.01	0.05	ug/L
959-98-8	Endosulfan I	0.568		0.0061	0.01	0.05	ug/L
60-57-1	Dieldrin	0.572		0.005	0.01	0.05	ug/L
72-55-9	4,4-DDE	0.574		0.005	0.01	0.05	ug/L
72-20-8	Endrin	0.575		0.0058	0.01	0.05	ug/L
33213-65-9	Endosulfan II	0.564		0.0055	0.01	0.05	ug/L
72-54-8	4,4-DDD	0.58		0.0071	0.01	0.05	ug/L
1031-07-8	Endosulfan Sulfate	0.549		0.006	0.01	0.05	ug/L
50-29-3	4,4-DDT	0.581		0.0059	0.01	0.05	ug/L
72-43-5	Methoxychlor	0.562		0.005	0.01	0.05	ug/L
53494-70-5	Endrin ketone	0.58		0.0057	0.01	0.05	ug/L
7421-93-4	Endrin aldehyde	0.558		0.005	0.01	0.05	ug/L
5103-71-9	alpha-Chlordane	0.566		0.005	0.01	0.05	ug/L
5103-74-2	gamma-Chlordane	0.562		0.005	0.01	0.05	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	19.3		10 - 192		96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		10 - 172		96%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY	Date Received:	
Client Sample ID:	PB90241BS	SDG No.:	H2802
Lab Sample ID:	PB90241BS	Matrix:	water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
		Decanted:	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033405.D	1	05/02/16 14:40	05/03/16 11:32	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MS	SDG No.:	H2802
Lab Sample ID:	H2802-02MS	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033412.D	1	05/02/16 14:40	05/03/16 13:08	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.587		0.0052	0.0101	0.0505	ug/L
319-85-7	beta-BHC	0.484		0.0087	0.0101	0.0505	ug/L
319-86-8	delta-BHC	0.48		0.0057	0.0101	0.0505	ug/L
58-89-9	gamma-BHC (Lindane)	0.471		0.0056	0.0101	0.0505	ug/L
76-44-8	Heptachlor	0.647	P	0.007	0.0101	0.0505	ug/L
309-00-2	Aldrin	0.523		0.0063	0.0101	0.0505	ug/L
1024-57-3	Heptachlor epoxide	0.488		0.0068	0.0101	0.0505	ug/L
959-98-8	Endosulfan I	0.474		0.0062	0.0101	0.0505	ug/L
60-57-1	Dieldrin	0.521		0.0051	0.0101	0.0505	ug/L
72-55-9	4,4-DDE	0.474		0.0051	0.0101	0.0505	ug/L
72-20-8	Endrin	0.504		0.0059	0.0101	0.0505	ug/L
33213-65-9	Endosulfan II	0.485		0.0056	0.0101	0.0505	ug/L
72-54-8	4,4-DDD	0.484		0.0072	0.0101	0.0505	ug/L
1031-07-8	Endosulfan Sulfate	0.488		0.0061	0.0101	0.0505	ug/L
50-29-3	4,4-DDT	0.524		0.006	0.0101	0.0505	ug/L
72-43-5	Methoxychlor	0.493		0.0051	0.0101	0.0505	ug/L
53494-70-5	Endrin ketone	0.487		0.0058	0.0101	0.0505	ug/L
7421-93-4	Endrin aldehyde	0.473		0.0051	0.0101	0.0505	ug/L
5103-71-9	alpha-Chlordane	0.48		0.0051	0.0101	0.0505	ug/L
5103-74-2	gamma-Chlordane	0.513		0.0051	0.0101	0.0505	ug/L
8001-35-2	Toxaphene	0.505	U	0.101	0.101	0.505	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	14.6		10 - 192		73%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.9		10 - 172		89%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MS	SDG No.:	H2802
Lab Sample ID:	H2802-02MS	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		uL	
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033412.D	1	05/02/16 14:40	05/03/16 13:08	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MSD	SDG No.:	H2802
Lab Sample ID:	H2802-03MSD	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033413.D	1	05/02/16 14:40	05/03/16 13:22	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.61		0.0053	0.0104	0.0521	ug/L
319-85-7	beta-BHC	0.5		0.009	0.0104	0.0521	ug/L
319-86-8	delta-BHC	0.495		0.0058	0.0104	0.0521	ug/L
58-89-9	gamma-BHC (Lindane)	0.493		0.0057	0.0104	0.0521	ug/L
76-44-8	Heptachlor	0.603	P	0.0072	0.0104	0.0521	ug/L
309-00-2	Aldrin	0.54		0.0065	0.0104	0.0521	ug/L
1024-57-3	Heptachlor epoxide	0.498		0.007	0.0104	0.0521	ug/L
959-98-8	Endosulfan I	0.484		0.0064	0.0104	0.0521	ug/L
60-57-1	Dieldrin	0.537		0.0052	0.0104	0.0521	ug/L
72-55-9	4,4-DDE	0.492		0.0052	0.0104	0.0521	ug/L
72-20-8	Endrin	0.52		0.006	0.0104	0.0521	ug/L
33213-65-9	Endosulfan II	0.502		0.0057	0.0104	0.0521	ug/L
72-54-8	4,4-DDD	0.504		0.0074	0.0104	0.0521	ug/L
1031-07-8	Endosulfan Sulfate	0.509		0.0063	0.0104	0.0521	ug/L
50-29-3	4,4-DDT	0.546		0.0061	0.0104	0.0521	ug/L
72-43-5	Methoxychlor	0.512		0.0052	0.0104	0.0521	ug/L
53494-70-5	Endrin ketone	0.508		0.0059	0.0104	0.0521	ug/L
7421-93-4	Endrin aldehyde	0.483		0.0052	0.0104	0.0521	ug/L
5103-71-9	alpha-Chlordane	0.493		0.0052	0.0104	0.0521	ug/L
5103-74-2	gamma-Chlordane	0.529		0.0052	0.0104	0.0521	ug/L
8001-35-2	Toxaphene	0.521	U	0.104	0.104	0.521	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	14.8		10 - 192		74%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.9		10 - 172		90%	SPK: 20

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1MSD	SDG No.:	H2802
Lab Sample ID:	H2802-03MSD	Matrix:	Water
Analytical Method:	SW8081	% Moisture:	100
Sample Wt/Vol:	960	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
		Decanted:	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD033413.D	1	05/02/16 14:40	05/03/16 13:22	PB90241

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Comments:

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CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802

Instrument ID: ECD_D Calibration Date(s): 04/12/2016 04/12/2016

Calibration Times: 13:32 14:27

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD032984.D RT 075 = PD032985.D

RT 050 = PD032986.D RT 025 = PD032987.D RT 005 = PD032988.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	6.87	6.87	6.87	6.87	6.87	6.87	6.77	6.97
4,4'-DDE	6.38	6.38	6.37	6.38	6.38	6.37	6.27	6.47
4,4'-DDT	7.17	7.17	7.17	7.17	7.17	7.17	7.07	7.27
Aldrin	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
alpha-BHC	4.40	4.40	4.40	4.40	4.40	4.40	4.30	4.50
alpha-Chlordane	6.21	6.22	6.21	6.21	6.21	6.21	6.11	6.31
beta-BHC	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Decachlorobiphenyl	9.14	9.14	9.14	9.14	9.14	9.14	9.04	9.24
delta-BHC	5.09	5.09	5.09	5.09	5.09	5.09	4.99	5.19
Dieldrin	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Endosulfan I	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Endosulfan II	6.96	6.96	6.96	6.96	6.96	6.96	6.86	7.06
Endosulfan sulfate	7.32	7.32	7.31	7.32	7.32	7.31	7.21	7.41
Endrin	6.75	6.75	6.75	6.75	6.75	6.75	6.65	6.85
Endrin aldehyde	7.09	7.09	7.09	7.09	7.09	7.09	6.99	7.19
Endrin ketone	7.79	7.79	7.79	7.79	7.79	7.79	7.69	7.89
gamma-BHC (Lindane)	4.69	4.69	4.69	4.69	4.69	4.69	4.59	4.79
gamma-Chlordane	6.14	6.14	6.14	6.14	6.14	6.14	6.04	6.24
Heptachlor	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Heptachlor epoxide	5.91	5.91	5.91	5.91	5.91	5.91	5.81	6.01
Methoxychlor	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Tetrachloro-m-xylene	4.00	4.00	4.00	4.00	4.00	4.00	3.90	4.10

RETENTION TIMES OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802

Instrument ID: ECD_D Calibration Date(s): 04/12/2016 04/12/2016

Calibration Times: 13:32 14:27

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD032984.D RT 075 = PD032985.D

RT 050 = PD032986.D RT 025 = PD032987.D RT 005 = PD032988.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW	
							FROM	TO
4,4'-DDD	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
4,4'-DDE	5.37	5.37	5.37	5.37	5.37	5.37	5.27	5.47
4,4'-DDT	6.11	6.11	6.11	6.11	6.11	6.11	6.01	6.21
Aldrin	4.50	4.50	4.50	4.50	4.50	4.50	4.40	4.60
alpha-BHC	3.72	3.72	3.72	3.72	3.72	3.72	3.62	3.82
alpha-Chlordane	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
beta-BHC	4.24	4.24	4.24	4.24	4.24	4.24	4.14	4.34
Decachlorobiphenyl	7.91	7.91	7.91	7.91	7.91	7.91	7.81	8.01
delta-BHC	4.43	4.43	4.43	4.43	4.43	4.43	4.33	4.53
Dieldrin	5.50	5.50	5.50	5.50	5.50	5.50	5.40	5.60
Endosulfan I	5.26	5.26	5.26	5.26	5.26	5.26	5.16	5.36
Endosulfan II	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
Endosulfan sulfate	6.40	6.40	6.40	6.40	6.40	6.40	6.30	6.50
Endrin	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Endrin aldehyde	6.19	6.19	6.19	6.19	6.19	6.19	6.09	6.29
Endrin ketone	6.88	6.88	6.88	6.89	6.88	6.88	6.78	6.98
gamma-BHC (Lindane)	3.99	3.99	3.99	3.99	3.99	3.99	3.89	4.09
gamma-Chlordane	5.15	5.15	5.15	5.15	5.15	5.15	5.05	5.25
Heptachlor	4.27	4.27	4.27	4.27	4.27	4.27	4.17	4.37
Heptachlor epoxide	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Methoxychlor	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Tetrachloro-m-xylene	3.29	3.29	3.29	3.29	3.29	3.29	3.19	3.39

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LABE01
Lab Code: CHEM **Case No.:** H2802 **SAS No.:** H2802 **SDG NO.:** H2802
Instrument ID: ECD_D **Calibration Date(s):** 04/12/2016 04/12/2016
Calibration Times: 13:32 14:27
GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PD032984.D</u>	CF 075 =	<u>PD032985.D</u>		
CF 050 =		<u>PD032986.D</u>	CF 025 =	<u>PD032987.D</u>	CF 005 =	<u>PD032988.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	726808000	736305000	743482000	785703000	886506000	775761000	8
4,4'-DDE	853028000	859205000	860043000	905984000	980783000	891809000	6
4,4'-DDT	778974000	786257000	787676000	818252000	830029000	800238000	3
Aldrin	976867000	954841000	976506000	1013360000	1087150000	1001750000	5
alpha-BHC	1216150000	1206230000	1187170000	1195450000	1193120000	1199620000	1
alpha-Chlordane	863247000	886951000	903007000	970657000	1203080000	965388000	14
beta-BHC	456178000	468035000	481278000	527915000	639802000	514642000	15
Decachlorobiphenyl	671308000	691643000	708955000	763642000	857336000	738577000	10
delta-BHC	1074310000	1070870000	1051700000	1072030000	1064400000	1066660000	1
Dieldrin	942858000	949124000	953293000	996615000	1078760000	984131000	6
Endosulfan I	832196000	848770000	862554000	926446000	1124410000	918875000	13
Endosulfan II	798869000	808549000	812757000	845698000	857831000	824741000	3
Endosulfan sulfate	724255000	741146000	754591000	806709000	924790000	790298000	10
Endrin	851018000	857276000	862659000	913501000	1055430000	907978000	9
Endrin aldehyde	668431000	682474000	696821000	758014000	911748000	743498000	13
Endrin ketone	885338000	897423000	900416000	952462000	1033690000	933866000	7
gamma-BHC (Lindane)	1108660000	1106400000	1092470000	1113620000	1151510000	1114530000	2
gamma-Chlordane	881049000	895846000	900791000	944190000	996325000	923640000	5
Heptachlor	1072020000	1073000000	1076180000	1119920000	1214100000	1111040000	5
Heptachlor epoxide	850613000	860712000	864271000	898583000	878527000	870541000	2
Methoxychlor	427750000	440961000	450096000	488777000	536560000	468829000	9
Tetrachloro-m-xylene	779162000	787901000	787940000	827160000	890796000	814592000	6

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: LABE01

Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802

Instrument ID: ECD_D

Calibration Date(s): 04/12/2016 04/12/2016

Calibration Times: 13:32 14:27

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PD032984.D</u>	CF 075 =	<u>PD032985.D</u>		
CF 050 =		<u>PD032986.D</u>	CF 025 =	<u>PD032987.D</u>	CF 005 =	<u>PD032988.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	4297250000	4354190000	4307050000	4383140000	4309810000	4330290000	1
4,4'-DDE	5001340000	5056570000	4992330000	5086670000	4987820000	5024950000	1
4,4'-DDT	4649830000	4673540000	4606090000	4630370000	4443290000	4600620000	2
Aldrin	5464290000	5499240000	5456910000	5528700000	5326940000	5455220000	1
alpha-BHC	6610170000	6603060000	6462520000	6442010000	5960580000	6415670000	4
alpha-Chlordane	5034550000	5082750000	5060440000	5223720000	5227210000	5125730000	2
beta-BHC	2315480000	2374540000	2387510000	2444140000	2530040000	2410340000	3
Decachlorobiphenyl	4910610000	5001530000	5072930000	5328940000	5604260000	5183650000	5
delta-BHC	6142220000	6166910000	6058730000	6078650000	5966390000	6082580000	1
Dieldrin	5509990000	5562640000	5497960000	5606540000	5694600000	5574350000	1
Endosulfan I	4748010000	4805300000	4793120000	4931390000	4948350000	4845230000	2
Endosulfan II	4780430000	4847340000	4823830000	4972260000	5012220000	4887220000	2
Endosulfan sulfate	4403090000	4467970000	4471290000	4632390000	4745240000	4544000000	3
Endrin	5128720000	5175520000	5123110000	5216200000	5226010000	5173910000	1
Endrin aldehyde	3965550000	4038000000	4038480000	4217100000	4474890000	4146810000	5
Endrin ketone	5379380000	5444050000	5461770000	5608890000	5680450000	5514910000	2
gamma-BHC (Lindane)	6069700000	6135680000	6144030000	6431790000	7884710000	6533180000	12
gamma-Chlordane	5255540000	5300210000	5282630000	5451400000	5541600000	5366280000	2
Heptachlor	5834550000	5891000000	5855590000	5937760000	5903630000	5884510000	1
Heptachlor epoxide	5109570000	5171420000	5161510000	5300200000	5300650000	5208670000	2
Methoxychlor	2411640000	2451080000	2487090000	2543950000	2596330000	2498020000	3
Tetrachloro-m-xylene	4062050000	4099960000	4055560000	4148740000	4078670000	4089000000	1

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LABE01Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802Instrument ID: ECD_D Date(s) Analyzed: 04/12/2016 04/12/2016GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.62	6.52	6.72	7935180
		2	6.97	6.87	7.07	11565900
		3	7.13	7.03	7.23	5614540
		4	7.21	7.11	7.31	33975500
		5	7.39	7.29	7.49	10454200

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: LABE01

Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802

Instrument ID: ECD_D Date(s) Analyzed: 04/12/2016 04/12/2016

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.09	5.99	6.19	40057500
		2	6.16	6.06	6.26	28041100
		3	6.19	6.09	6.29	16402600
		4	6.51	6.41	6.61	14610400
		5	6.60	6.50	6.70	19258500

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802

Continuing Calib Date: 05/03/2016 Initial Calibration Date(s): 04/12/2016 04/12/2016

Continuing Calib Time: 10:45 Initial Calibration Time(s): 13:32 14:27

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.15	9.14	9.04	9.24	-0.01
Tetrachloro-m-xylene	4.01	4.00	3.90	4.10	-0.01
alpha-BHC	4.41	4.40	4.30	4.50	-0.01
beta-BHC	4.88	4.87	4.77	4.97	-0.01
delta-BHC	5.10	5.09	4.99	5.19	-0.01
gamma-BHC (Lindane)	4.70	4.69	4.59	4.79	-0.01
Heptachlor	5.21	5.20	5.10	5.30	-0.01
Aldrin	5.52	5.51	5.41	5.61	-0.01
Heptachlor epoxide	5.91	5.91	5.81	6.01	0.00
Endosulfan I	6.27	6.27	6.17	6.37	0.00
Dieldrin	6.53	6.53	6.43	6.63	0.00
4,4'-DDE	6.38	6.37	6.27	6.47	-0.01
Endrin	6.75	6.75	6.65	6.85	0.00
Endosulfan II	6.97	6.96	6.86	7.06	-0.01
4,4'-DDD	6.88	6.87	6.77	6.97	-0.01
Endosulfan sulfate	7.32	7.31	7.21	7.41	-0.01
4,4'-DDT	7.18	7.17	7.07	7.27	-0.01
Methoxychlor	7.64	7.64	7.54	7.74	0.00
Endrin ketone	7.80	7.79	7.69	7.89	-0.01
Endrin aldehyde	7.10	7.09	6.99	7.19	0.00
alpha-Chlordane	6.22	6.21	6.11	6.31	-0.01
gamma-Chlordane	6.15	6.14	6.04	6.24	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802

Continuing Calib Date: 05/03/2016 Initial Calibration Date(s): 04/12/2016 04/12/2016

Continuing Calib Time: 10:45 Initial Calibration Time(s): 13:32 14:27

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.91	7.91	7.81	8.01	0.00
Tetrachloro-m-xylene	3.29	3.29	3.19	3.39	0.00
alpha-BHC	3.72	3.72	3.62	3.82	0.01
beta-BHC	4.23	4.24	4.14	4.34	0.01
delta-BHC	4.43	4.43	4.33	4.53	0.00
gamma-BHC (Lindane)	3.99	3.99	3.89	4.09	0.00
Heptachlor	4.26	4.27	4.17	4.37	0.01
Aldrin	4.50	4.50	4.40	4.60	0.00
Heptachlor epoxide	4.93	4.93	4.83	5.03	0.00
Endosulfan I	5.26	5.26	5.16	5.36	0.00
Dieldrin	5.49	5.50	5.40	5.60	0.01
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
Endrin	5.75	5.75	5.65	5.85	0.00
Endosulfan II	6.02	6.02	5.92	6.12	0.00
4,4'-DDD	5.88	5.88	5.78	5.98	0.00
Endosulfan sulfate	6.40	6.40	6.30	6.50	0.00
4,4'-DDT	6.11	6.11	6.01	6.21	0.00
Methoxychlor	6.66	6.66	6.56	6.76	0.00
Endrin ketone	6.88	6.88	6.78	6.98	0.00
Endrin aldehyde	6.19	6.19	6.09	6.29	0.00
alpha-Chlordane	5.20	5.21	5.11	5.31	0.01
gamma-Chlordane	5.15	5.15	5.05	5.25	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No.: CCAL01 Date Analyzed: 05/03/2016

Lab Sample No.: PSTDCCC050 Data File : PD033403.D Time Analyzed: 10:45

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.879	6.773	6.973	44.340	50.000	-11.3
4,4'-DDE	6.380	6.274	6.474	44.890	50.000	-10.2
4,4'-DDT	7.179	7.073	7.273	45.110	50.000	-9.8
Aldrin	5.516	5.411	5.611	47.430	50.000	-5.1
alpha-BHC	4.407	4.303	4.503	48.050	50.000	-3.9
alpha-Chlordane	6.219	6.114	6.314	45.120	50.000	-9.8
beta-BHC	4.878	4.773	4.973	47.090	50.000	-5.8
Decachlorobiphenyl	9.147	9.040	9.240	42.530	50.000	-14.9
delta-BHC	5.098	4.992	5.192	47.590	50.000	-4.8
Dieldrin	6.532	6.426	6.626	44.960	50.000	-10.1
Endosulfan I	6.272	6.166	6.366	45.750	50.000	-8.5
Endosulfan II	6.969	6.864	7.064	46.470	50.000	-7.1
Endosulfan sulfate	7.319	7.214	7.414	44.520	50.000	-11.0
Endrin	6.754	6.648	6.848	43.820	50.000	-12.4
Endrin aldehyde	7.095	6.989	7.189	43.160	50.000	-13.7
Endrin ketone	7.796	7.691	7.891	44.970	50.000	-10.1
gamma-BHC (Lindane)	4.698	4.593	4.793	46.500	50.000	-7.0
gamma-Chlordane	6.147	6.042	6.242	46.760	50.000	-6.5
Heptachlor	5.207	5.102	5.302	45.120	50.000	-9.8
Heptachlor epoxide	5.910	5.805	6.005	50.620	50.000	1.2
Methoxychlor	7.643	7.537	7.737	43.730	50.000	-12.5
Tetrachloro-m-xylene	4.007	3.903	4.103	41.920	50.000	-16.2

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No.: CCAL01 Date Analyzed: 05/03/2016

Lab Sample No.: PSTDCCC050 Data File : PD033403.D Time Analyzed: 10:45

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.875	5.779	5.979	52.700	50.000	5.4
4,4'-DDE	5.368	5.271	5.471	53.080	50.000	6.2
4,4'-DDT	6.108	6.011	6.211	54.240	50.000	8.5
Aldrin	4.497	4.402	4.602	53.430	50.000	6.9
alpha-BHC	3.715	3.618	3.818	52.700	50.000	5.4
alpha-Chlordane	5.204	5.107	5.307	53.450	50.000	6.9
beta-BHC	4.234	4.138	4.338	54.450	50.000	8.9
Decachlorobiphenyl	7.909	7.810	8.010	49.290	50.000	-1.4
delta-BHC	4.426	4.330	4.530	52.580	50.000	5.2
Dieldrin	5.494	5.398	5.598	52.150	50.000	4.3
Endosulfan I	5.257	5.160	5.360	54.310	50.000	8.6
Endosulfan II	6.019	5.922	6.122	52.890	50.000	5.8
Endosulfan sulfate	6.396	6.299	6.499	54.340	50.000	8.7
Endrin	5.748	5.651	5.851	51.740	50.000	3.5
Endrin aldehyde	6.188	6.091	6.291	50.990	50.000	2.0
Endrin ketone	6.881	6.784	6.984	56.930	50.000	13.9
gamma-BHC (Lindane)	3.988	3.891	4.091	48.100	50.000	-3.8
gamma-Chlordane	5.147	5.050	5.250	52.760	50.000	5.5
Heptachlor	4.263	4.166	4.366	51.410	50.000	2.8
Heptachlor epoxide	4.930	4.834	5.034	52.900	50.000	5.8
Methoxychlor	6.656	6.558	6.758	50.720	50.000	1.4
Tetrachloro-m-xylene	3.289	3.193	3.393	46.240	50.000	-7.5

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802

Continuing Calib Date: 05/03/2016 Initial Calibration Date(s): 04/12/2016 04/12/2016

Continuing Calib Time: 14:46 Initial Calibration Time(s): 13:32 14:27

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.14	9.14	9.04	9.24	0.00
Tetrachloro-m-xylene	4.00	4.00	3.90	4.10	0.00
alpha-BHC	4.40	4.40	4.30	4.50	0.00
beta-BHC	4.87	4.87	4.77	4.97	0.00
delta-BHC	5.09	5.09	4.99	5.19	0.00
gamma-BHC (Lindane)	4.69	4.69	4.59	4.79	0.00
Heptachlor	5.20	5.20	5.10	5.30	0.00
Aldrin	5.51	5.51	5.41	5.61	0.00
Heptachlor epoxide	5.91	5.91	5.81	6.01	0.00
Endosulfan I	6.27	6.27	6.17	6.37	0.00
Dieldrin	6.53	6.53	6.43	6.63	0.00
4,4'-DDE	6.38	6.37	6.27	6.47	-0.01
Endrin	6.75	6.75	6.65	6.85	0.00
Endosulfan II	6.96	6.96	6.86	7.06	0.00
4,4'-DDD	6.87	6.87	6.77	6.97	0.00
Endosulfan sulfate	7.32	7.31	7.21	7.41	-0.01
4,4'-DDT	7.17	7.17	7.07	7.27	0.00
Methoxychlor	7.64	7.64	7.54	7.74	0.00
Endrin ketone	7.79	7.79	7.69	7.89	0.00
Endrin aldehyde	7.09	7.09	6.99	7.19	0.00
alpha-Chlordane	6.22	6.21	6.11	6.31	-0.01
gamma-Chlordane	6.14	6.14	6.04	6.24	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802

Continuing Calib Date: 05/03/2016 Initial Calibration Date(s): 04/12/2016 04/12/2016

Continuing Calib Time: 14:46 Initial Calibration Time(s): 13:32 14:27

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.91	7.91	7.81	8.01	0.00
Tetrachloro-m-xylene	3.29	3.29	3.19	3.39	0.00
alpha-BHC	3.72	3.72	3.62	3.82	0.00
beta-BHC	4.24	4.24	4.14	4.34	0.00
delta-BHC	4.43	4.43	4.33	4.53	0.00
gamma-BHC (Lindane)	3.99	3.99	3.89	4.09	0.00
Heptachlor	4.26	4.27	4.17	4.37	0.01
Aldrin	4.50	4.50	4.40	4.60	0.00
Heptachlor epoxide	4.93	4.93	4.83	5.03	0.00
Endosulfan I	5.26	5.26	5.16	5.36	0.00
Dieldrin	5.50	5.50	5.40	5.60	0.01
4,4'-DDE	5.37	5.37	5.27	5.47	0.00
Endrin	5.75	5.75	5.65	5.85	0.00
Endosulfan II	6.02	6.02	5.92	6.12	0.00
4,4'-DDD	5.88	5.88	5.78	5.98	0.00
Endosulfan sulfate	6.40	6.40	6.30	6.50	0.00
4,4'-DDT	6.11	6.11	6.01	6.21	0.00
Methoxychlor	6.66	6.66	6.56	6.76	0.00
Endrin ketone	6.88	6.88	6.78	6.98	0.00
Endrin aldehyde	6.19	6.19	6.09	6.29	0.00
alpha-Chlordane	5.20	5.21	5.11	5.31	0.01
gamma-Chlordane	5.15	5.15	5.05	5.25	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No.: CCAL02 Date Analyzed: 05/03/2016

Lab Sample No.: PSTDCCC050 Data File : PD033419.D Time Analyzed: 14:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.874	6.773	6.973	45.940	50.000	-8.1
4,4'-DDE	6.375	6.274	6.474	46.440	50.000	-7.1
4,4'-DDT	7.174	7.073	7.273	46.380	50.000	-7.2
Aldrin	5.511	5.411	5.611	48.680	50.000	-2.6
alpha-BHC	4.403	4.303	4.503	49.130	50.000	-1.7
alpha-Chlordane	6.215	6.114	6.314	46.350	50.000	-7.3
beta-BHC	4.874	4.773	4.973	45.370	50.000	-9.3
Decachlorobiphenyl	9.140	9.040	9.240	43.550	50.000	-12.9
delta-BHC	5.093	4.992	5.192	49.460	50.000	-1.1
Dieldrin	6.527	6.426	6.626	46.240	50.000	-7.5
Endosulfan I	6.267	6.166	6.366	47.130	50.000	-5.7
Endosulfan II	6.964	6.864	7.064	47.130	50.000	-5.7
Endosulfan sulfate	7.315	7.214	7.414	45.920	50.000	-8.2
Endrin	6.748	6.648	6.848	45.030	50.000	-9.9
Endrin aldehyde	7.090	6.989	7.189	43.470	50.000	-13.1
Endrin ketone	7.791	7.691	7.891	44.480	50.000	-11.0
gamma-BHC (Lindane)	4.693	4.593	4.793	47.620	50.000	-4.8
gamma-Chlordane	6.142	6.042	6.242	48.350	50.000	-3.3
Heptachlor	5.203	5.102	5.302	46.150	50.000	-7.7
Heptachlor epoxide	5.905	5.805	6.005	52.240	50.000	4.5
Methoxychlor	7.638	7.537	7.737	45.020	50.000	-10.0
Tetrachloro-m-xylene	4.003	3.903	4.103	43.510	50.000	-13.0

CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No.: CCAL02 Date Analyzed: 05/03/2016

Lab Sample No.: PSTDCCC050 Data File : PD033419.D Time Analyzed: 14:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.876	5.779	5.979	52.930	50.000	5.9
4,4'-DDE	5.369	5.271	5.471	53.040	50.000	6.1
4,4'-DDT	6.108	6.011	6.211	53.800	50.000	7.6
Aldrin	4.499	4.402	4.602	53.080	50.000	6.2
alpha-BHC	3.716	3.618	3.818	52.750	50.000	5.5
alpha-Chlordane	5.204	5.107	5.307	52.830	50.000	5.7
beta-BHC	4.235	4.138	4.338	54.570	50.000	9.1
Decachlorobiphenyl	7.907	7.810	8.010	49.040	50.000	-1.9
delta-BHC	4.427	4.330	4.530	52.380	50.000	4.8
Dieldrin	5.495	5.398	5.598	52.270	50.000	4.5
Endosulfan I	5.258	5.160	5.360	53.740	50.000	7.5
Endosulfan II	6.019	5.922	6.122	52.670	50.000	5.3
Endosulfan sulfate	6.396	6.299	6.499	55.540	50.000	11.1
Endrin	5.748	5.651	5.851	52.040	50.000	4.1
Endrin aldehyde	6.188	6.091	6.291	50.540	50.000	1.1
Endrin ketone	6.881	6.784	6.984	56.590	50.000	13.2
gamma-BHC (Lindane)	3.989	3.891	4.091	49.360	50.000	-1.3
gamma-Chlordane	5.147	5.050	5.250	52.400	50.000	4.8
Heptachlor	4.264	4.166	4.366	51.510	50.000	3.0
Heptachlor epoxide	4.931	4.834	5.034	52.730	50.000	5.5
Methoxychlor	6.655	6.558	6.758	51.550	50.000	3.1
Tetrachloro-m-xylene	3.291	3.193	3.393	46.150	50.000	-7.7

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No. (PEM): PEM - PD032982.D Date Analyzed: 04/12/2016

Lab Sample No.(PEM): PEM Time Analyzed: 13:04

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.140	9.040	9.240	20.900	20.000	4.5
Tetrachloro-m-xylene	4.003	3.903	4.103	20.410	20.000	2.1
alpha-BHC	4.403	4.303	4.503	9.330	10.000	-6.7
beta-BHC	4.873	4.773	4.973	10.980	10.000	9.8
gamma-BHC (Lindane)	4.693	4.593	4.793	9.830	10.000	-1.7
Endrin	6.748	6.648	6.848	42.690	50.000	-14.6
4,4'-DDT	7.174	7.074	7.274	89.400	100.000	-10.6
Methoxychlor	7.637	7.537	7.737	200.250	250.000	-19.9

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No. (PEM): PEM - PD032982.D Date Analyzed: 04/12/2016

Lab Sample No.(PEM): PEM Time Analyzed: 13:04

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.912	7.812	8.012	20.170	20.000	0.9
Tetrachloro-m-xylene	3.294	3.194	3.394	18.940	20.000	-5.3
alpha-BHC	3.719	3.619	3.819	8.930	10.000	-10.7
beta-BHC	4.238	4.138	4.338	9.620	10.000	-3.8
gamma-BHC (Lindane)	3.991	3.891	4.091	9.180	10.000	-8.2
Endrin	5.752	5.652	5.852	44.180	50.000	-11.6
4,4'-DDT	6.112	6.012	6.212	92.000	100.000	-8.0
Methoxychlor	6.659	6.559	6.759	212.920	250.000	-14.8

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: LABE01

Lab Code: CHEM Case No.: H2802 SAS No.: H2802 SDG NO.: H2802

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No. (PEM): PEM - PD033402.D Date Analyzed: 05/03/2016

Lab Sample No.(PEM): PEM Time Analyzed: 10:13

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.139	9.039	9.239	18.950	20.000	-5.3
Tetrachloro-m-xylene	4.002	3.902	4.102	18.610	20.000	-7.0
alpha-BHC	4.401	4.301	4.501	9.410	10.000	-5.9
beta-BHC	4.873	4.773	4.973	10.060	10.000	0.6
gamma-BHC (Lindane)	4.692	4.592	4.792	9.840	10.000	-1.6
Endrin	6.747	6.647	6.847	42.510	50.000	-15.0
4,4'-DDT	7.173	7.073	7.273	89.020	100.000	-11.0
Methoxychlor	7.637	7.537	7.737	197.360	250.000	-21.1

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/12/2016 04/12/2016

Client Sample No. (PEM): PEM - PD033402.D Date Analyzed: 05/03/2016

Lab Sample No.(PEM): PEM Time Analyzed: 10:13

PEM COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.906	7.806	8.006	21.230	20.000	6.2
Tetrachloro-m-xylene	3.291	3.191	3.391	19.410	20.000	-3.0
alpha-BHC	3.716	3.616	3.816	9.950	10.000	-0.5
beta-BHC	4.235	4.135	4.335	10.580	10.000	5.8
gamma-BHC (Lindane)	3.989	3.889	4.089	12.290	10.000	22.9
Endrin	5.747	5.647	5.847	49.790	50.000	-0.4
4,4'-DDT	6.107	6.007	6.207	107.160	100.000	7.2
Methoxychlor	6.654	6.554	6.754	237.910	250.000	-4.8

Analytical Sequence

Client: LaBella Associates P.C.

SDG No.: H2802

Project: 4185 Military Road, Niagara, NY

Instrument ID: ECD_D

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 04/12/2016

04/12/2016

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	04/12/2016	12:50	PD032981.D	9.14	4.00
PEM	PEM	04/12/2016	13:04	PD032982.D	9.14	4.00
RESCHK	RESCHK	04/12/2016	13:18	PD032983.D	9.14	4.00
PSTDICC100	PSTDICC100	04/12/2016	13:32	PD032984.D	9.14	4.00
PSTDICC075	PSTDICC075	04/12/2016	13:45	PD032985.D	9.14	4.00
PSTDICC050	PSTDICC050	04/12/2016	13:59	PD032986.D	9.14	4.00
PSTDICC025	PSTDICC025	04/12/2016	14:13	PD032987.D	9.14	4.00
PSTDICC005	PSTDICC005	04/12/2016	14:27	PD032988.D	9.14	4.00
PTOXICC500	PTOXICC500	04/12/2016	15:08	PD032991.D	9.14	4.00
PCHLORICC500	PCHLORICC500	04/12/2016	16:04	PD032995.D	9.14	4.00
IBLK	IBLK	05/03/2016	09:59	PD033401.D	9.14	4.00
PEM	PEM	05/03/2016	10:13	PD033402.D	9.14	4.00
PSTDCCC050	PSTDCCC050	05/03/2016	10:45	PD033403.D	9.15	4.01
PB90241BL	PB90241BL	05/03/2016	11:18	PD033404.D	9.15	4.01
PB90241BS	PB90241BS	05/03/2016	11:32	PD033405.D	9.14	4.00
MW-1	H2802-01	05/03/2016	12:55	PD033411.D	9.14	4.00
MW-1MS	H2802-02MS	05/03/2016	13:08	PD033412.D	9.14	4.00
MW-1MSD	H2802-03MSD	05/03/2016	13:22	PD033413.D	9.14	4.00
MW-2	H2802-04	05/03/2016	13:36	PD033414.D	9.14	4.00
MW-3	H2802-05	05/03/2016	13:50	PD033415.D	9.14	4.00
MW-4	H2802-06	05/03/2016	14:04	PD033416.D	9.14	4.00
IBLK	IBLK	05/03/2016	14:32	PD033418.D	9.14	4.00
PSTDCCC050	PSTDCCC050	05/03/2016	14:46	PD033419.D	9.14	4.00

Analytical Sequence

Client: LaBella Associates P.C.

SDG No.: H2802

Project: 4185 Military Road, Niagara, NY

Instrument ID: ECD_D

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 04/12/2016

04/12/2016

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	04/12/2016	12:50	PD032981.D	7.91	3.29
PEM	PEM	04/12/2016	13:04	PD032982.D	7.91	3.29
RESCHK	RESCHK	04/12/2016	13:18	PD032983.D	7.91	3.29
PSTDICC100	PSTDICC100	04/12/2016	13:32	PD032984.D	7.91	3.29
PSTDICC075	PSTDICC075	04/12/2016	13:45	PD032985.D	7.91	3.29
PSTDICC050	PSTDICC050	04/12/2016	13:59	PD032986.D	7.91	3.29
PSTDICC025	PSTDICC025	04/12/2016	14:13	PD032987.D	7.91	3.29
PSTDICC005	PSTDICC005	04/12/2016	14:27	PD032988.D	7.91	3.29
PTOXICC500	PTOXICC500	04/12/2016	15:08	PD032991.D	7.91	3.29
PCHLORICC500	PCHLORICC500	04/12/2016	16:04	PD032995.D	7.91	3.29
IBLK	IBLK	05/03/2016	09:59	PD033401.D	7.91	3.29
PEM	PEM	05/03/2016	10:13	PD033402.D	7.91	3.29
PSTDCCC050	PSTDCCC050	05/03/2016	10:45	PD033403.D	7.91	3.29
PB90241BL	PB90241BL	05/03/2016	11:18	PD033404.D	7.91	3.29
PB90241BS	PB90241BS	05/03/2016	11:32	PD033405.D	7.91	3.29
MW-1	H2802-01	05/03/2016	12:55	PD033411.D	7.91	3.29
MW-1MS	H2802-02MS	05/03/2016	13:08	PD033412.D	7.91	3.29
MW-1MSD	H2802-03MSD	05/03/2016	13:22	PD033413.D	7.91	3.29
MW-2	H2802-04	05/03/2016	13:36	PD033414.D	7.91	3.29
MW-3	H2802-05	05/03/2016	13:50	PD033415.D	7.91	3.29
MW-4	H2802-06	05/03/2016	14:04	PD033416.D	7.91	3.29
IBLK	IBLK	05/03/2016	14:32	PD033418.D	7.91	3.29
PSTDCCC050	PSTDCCC050	05/03/2016	14:46	PD033419.D	7.91	3.29

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-1MS

Contract: LABE01

Lab Code: CHEM

Case No.: H2802

SAS No.: H2802

SDG NO.: H2802

Lab Sample ID: H2802-02MS

Date(s) Analyzed: 05/03/2016
05/03/2016

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR2 ID: 0.32 (mm)

GC Column:(2): ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Heptachlor	1	5.20	5.15	5.25	0.4251	41.4
	2	4.26	4.21	4.31	0.6469	
Aldrin	1	5.51	5.46	5.56	0.4166	22.7
	2	4.50	4.45	4.55	0.5234	
beta-BHC	1	4.87	4.82	4.92	0.4843	3.8
	2	4.23	4.18	4.28	0.4663	
delta-BHC	1	5.09	5.04	5.14	0.4796	7.4
	2	4.43	4.38	4.48	0.4453	
Heptachlor epoxide	1	5.90	5.85	5.95	0.4878	2.8
	2	4.93	4.88	4.98	0.4745	
Endosulfan I	1	6.27	6.22	6.32	0.4538	4.3
	2	5.26	5.21	5.31	0.4738	
gamma-Chlordane	1	6.14	6.09	6.19	0.4652	9.7
	2	5.15	5.10	5.20	0.5128	
alpha-Chlordane	1	6.21	6.16	6.26	0.4605	4.1
	2	5.20	5.15	5.25	0.4798	
4,4'-DDE	1	6.37	6.32	6.42	0.4255	10.9
	2	5.37	5.32	5.42	0.4745	
Dieldrin	1	6.53	6.48	6.58	0.4116	23.5
	2	5.49	5.44	5.54	0.521	
Endrin	1	6.75	6.70	6.80	0.4248	17.1
	2	5.75	5.70	5.80	0.5043	
Endosulfan II	1	6.96	6.91	7.01	0.4325	11.4
	2	6.02	5.97	6.07	0.4846	
4,4'-DDD	1	6.87	6.82	6.92	0.4438	8.6
	2	5.88	5.83	5.93	0.4838	
4,4'-DDT	1	7.17	7.12	7.22	0.4641	12
	2	6.11	6.06	6.16	0.5236	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-1MS

Contract: LABE01

Lab Code: CHEM

Case No.: H2802

SAS No.: H2802

SDG NO.: H2802

Lab Sample ID: H2802-02MS

Date(s) Analyzed: 05/03/2016

05/03/2016

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column:(2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin aldehyde	1	7.09	7.04	7.14	0.4012	16.5
	2	6.19	6.14	6.24	0.4734	
Endosulfan sulfate	1	7.31	7.26	7.36	0.4289	12.9
	2	6.40	6.35	6.45	0.488	
Methoxychlor	1	7.64	7.59	7.69	0.4127	17.8
	2	6.65	6.60	6.70	0.4932	
Endrin ketone	1	7.79	7.74	7.84	0.44	10.2
	2	6.88	6.83	6.93	0.4874	
alpha-BHC	1	4.40	4.35	4.45	0.4965	16.7
	2	3.71	3.66	3.76	0.5867	
gamma-BHC (Lindane)	1	4.69	4.64	4.74	0.4708	4.4
	2	3.99	3.94	4.04	0.4506	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-1MSD

Contract: LABE01

Lab Code: CHEM

Case No.: H2802

SAS No.: H2802

SDG NO.: H2802

Lab Sample ID: H2802-03MSD

Date(s) Analyzed: 05/03/2016
05/03/2016

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR2 ID: 0.32 (mm)

GC Column:(2): ZB-MR1 ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.96	6.91	7.01	0.4473	11.4
	2	6.02	5.97	6.07	0.5016	
4,4'-DDD	1	6.87	6.82	6.92	0.4596	9.2
	2	5.88	5.83	5.93	0.5038	
4,4'-DDT	1	7.17	7.12	7.22	0.4865	11.5
	2	6.11	6.06	6.16	0.5458	
Endrin aldehyde	1	7.09	7.04	7.14	0.4202	13.8
	2	6.19	6.14	6.24	0.4826	
Endosulfan sulfate	1	7.31	7.26	7.36	0.4427	13.9
	2	6.40	6.35	6.45	0.509	
Methoxychlor	1	7.64	7.59	7.69	0.4263	18.2
	2	6.66	6.61	6.71	0.5115	
Endrin ketone	1	7.79	7.74	7.84	0.458	10.3
	2	6.88	6.83	6.93	0.5078	
alpha-BHC	1	4.40	4.35	4.45	0.5045	18.9
	2	3.71	3.66	3.76	0.6095	
gamma-BHC (Lindane)	1	4.69	4.64	4.74	0.4927	1.6
	2	3.99	3.94	4.04	0.4849	
Heptachlor	1	5.20	5.15	5.25	0.4066	38.9
	2	4.26	4.21	4.31	0.6032	
Aldrin	1	5.51	5.46	5.56	0.4324	22
	2	4.50	4.45	4.55	0.5395	
beta-BHC	1	4.87	4.82	4.92	0.5004	2.2
	2	4.23	4.18	4.28	0.4897	
delta-BHC	1	5.09	5.04	5.14	0.4952	7.3
	2	4.43	4.38	4.48	0.4601	
Heptachlor epoxide	1	5.91	5.86	5.96	0.498	2.2
	2	4.93	4.88	4.98	0.4872	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

MW-1MSD

Contract: LABE01

Lab Code: CHEM

Case No.: H2802

SAS No.: H2802

SDG NO.: H2802

Lab Sample ID: H2802-03MSD

Date(s) Analyzed: 05/03/2016

05/03/2016

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column:(2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.27	6.22	6.32	0.4685	3.3
	2	5.26	5.21	5.31	0.4841	
gamma-Chlordane	1	6.14	6.09	6.19	0.4771	10.4
	2	5.15	5.10	5.20	0.5293	
alpha-Chlordane	1	6.21	6.16	6.26	0.4785	3
	2	5.20	5.15	5.25	0.4931	
4,4'-DDE	1	6.38	6.33	6.43	0.4385	11.6
	2	5.37	5.32	5.42	0.4923	
Dieldrin	1	6.53	6.48	6.58	0.4234	23.7
	2	5.49	5.44	5.54	0.5372	
Endrin	1	6.75	6.70	6.80	0.4383	17
	2	5.75	5.70	5.80	0.5199	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB90241BS

Contract: LABE01

Lab Code: CHEM

Case No.: H2802

SAS No.: H2802

SDG NO.: H2802

Lab Sample ID: PB90241BS

Date(s) Analyzed: 05/03/2016

05/03/2016

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column:(2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.97	6.92	7.02	0.5088	10.3
	2	6.02	5.97	6.07	0.5641	
4,4'-DDD	1	6.88	6.83	6.93	0.4965	15.5
	2	5.88	5.83	5.93	0.5799	
4,4'-DDT	1	7.17	7.12	7.22	0.5076	13.5
	2	6.11	6.06	6.16	0.581	
Endrin aldehyde	1	7.09	7.04	7.14	0.4806	14.8
	2	6.19	6.14	6.24	0.5575	
Endosulfan sulfate	1	7.32	7.27	7.37	0.4752	14.5
	2	6.40	6.35	6.45	0.5494	
Methoxychlor	1	7.64	7.59	7.69	0.4833	15
	2	6.65	6.60	6.70	0.5619	
Endrin ketone	1	7.79	7.74	7.84	0.5032	14.2
	2	6.88	6.83	6.93	0.5802	
alpha-BHC	1	4.40	4.35	4.45	0.5214	5.4
	2	3.72	3.67	3.77	0.5501	
gamma-BHC (Lindane)	1	4.69	4.64	4.74	0.5181	0.1
	2	3.99	3.94	4.04	0.5176	
Heptachlor	1	5.20	5.15	5.25	0.5139	9.3
	2	4.26	4.21	4.31	0.5642	
Aldrin	1	5.51	5.46	5.56	0.5231	8
	2	4.50	4.45	4.55	0.5669	
beta-BHC	1	4.87	4.82	4.92	0.486	14.6
	2	4.23	4.18	4.28	0.5623	
delta-BHC	1	5.09	5.04	5.14	0.4939	5.4
	2	4.43	4.38	4.48	0.5215	
Heptachlor epoxide	1	5.91	5.86	5.96	0.5618	0.8
	2	4.93	4.88	4.98	0.5662	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB90241BS

Contract: LABE01

Lab Code: CHEM

Case No.: H2802

SAS No.: H2802

SDG NO.: H2802

Lab Sample ID: PB90241BS

Date(s) Analyzed: 05/03/2016

05/03/2016

Instrument ID (1): ECD_D

Instrument ID (2): ECD_D

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column:(2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.27	6.22	6.32	0.4947	13.8
	2	5.26	5.21	5.31	0.5682	
gamma-Chlordane	1	6.14	6.09	6.19	0.5196	7.9
	2	5.15	5.10	5.20	0.5623	
alpha-Chlordane	1	6.21	6.16	6.26	0.4966	13.1
	2	5.20	5.15	5.25	0.5664	
4,4'-DDE	1	6.38	6.33	6.43	0.5089	12.1
	2	5.37	5.32	5.42	0.5743	
Dieldrin	1	6.53	6.48	6.58	0.5116	11.2
	2	5.49	5.44	5.54	0.5725	
Endrin	1	6.75	6.70	6.80	0.4984	14.2
	2	5.75	5.70	5.80	0.5746	

LAB CHRONICLE

OrderID:	H2802	OrderDate:	4/29/2016 1:47:00 PM
Client:	LaBella Associates P.C.	Project:	4185 Military Road, Niagara, NY
Contact:	Adam Zebrowski	Location:	F22

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2802-01	MW-1	WATER	Mercury	7470A	04/27/16	05/03/16	05/04/16	04/29/16
			Metals ICP-RCRA	6010B		05/05/16	05/05/16	
H2802-04	MW-2	WATER	Mercury	7470A	04/27/16	05/03/16	05/04/16	04/29/16
			Metals ICP-RCRA	6010B		05/05/16	05/05/16	
H2802-05	MW-3	WATER	Mercury	7470A	04/27/16	05/03/16	05/04/16	04/29/16
			Metals ICP-RCRA	6010B		05/05/16	05/05/16	
H2802-06	MW-4	WATER	Mercury	7470A	04/27/16	05/03/16	05/04/16	04/29/16
			Metals ICP-RCRA	6010B		05/05/16	05/05/16	
H2802-07	DUP	WATER	Mercury	7470A	04/27/16	05/03/16	05/04/16	04/29/16
			Metals ICP-RCRA	6010B		05/05/16	05/05/16	

Hit Summary Sheet SW-846

SDG No.: H2802

Order ID: H2802

Client: LaBella Associates P.C.

Project ID: 4185 Military Road, Niagara, NY

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : MW-1									
H2802-01	MW-1	WATER	Barium	4.890	J	4	12.5	50	ug/L
H2802-01	MW-1	WATER	Cadmium	0.820	J	0.5	0.75	3	ug/L
H2802-01	MW-1	WATER	Chromium	2.980	J	1.1	1.25	5	ug/L
H2802-01	MW-1	WATER	Selenium	14.600		4.8	5.0	10	ug/L
Client ID : MW-2									
H2802-04	MW-2	WATER	Barium	20.500	J	4	12.5	50	ug/L
H2802-04	MW-2	WATER	Lead	6.060		1.5	1.5	6	ug/L
H2802-04	MW-2	WATER	Selenium	7.840	J	4.8	5.0	10	ug/L
Client ID : MW-3									
H2802-05	MW-3	WATER	Barium	34.400	J	4	12.5	50	ug/L
H2802-05	MW-3	WATER	Chromium	1.300	J	1.1	1.25	5	ug/L
H2802-05	MW-3	WATER	Lead	7.620		1.5	1.5	6	ug/L
H2802-05	MW-3	WATER	Selenium	7.480	J	4.8	5.0	10	ug/L
Client ID : MW-4									
H2802-06	MW-4	WATER	Barium	5.680	J	4	12.5	50	ug/L
H2802-06	MW-4	WATER	Cadmium	1.150	J	0.5	0.75	3	ug/L
H2802-06	MW-4	WATER	Chromium	1.130	J	1.1	1.25	5	ug/L
H2802-06	MW-4	WATER	Selenium	8.450	J	4.8	5.0	10	ug/L
Client ID : DUP									
H2802-07	DUP	WATER	Cadmium	1.190	J	0.5	0.75	3	ug/L
H2802-07	DUP	WATER	Chromium	1.660	J	1.1	1.25	5	ug/L
H2802-07	DUP	WATER	Selenium	6.890	J	4.8	5.0	10	ug/L

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-1	SDG No.:	H2802
Lab Sample ID:	H2802-01	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	10	U	1	2.5	2.5	10	ug/L	05/05/16 09:15	05/05/16 16:22	SW6010
7440-39-3	Barium	4.89	J	1	4	12.5	50	ug/L	05/05/16 09:15	05/05/16 16:22	SW6010
7440-43-9	Cadmium	0.82	J	1	0.5	0.75	3	ug/L	05/05/16 09:15	05/05/16 16:22	SW6010
7440-47-3	Chromium	2.98	J	1	1.1	1.25	5	ug/L	05/05/16 09:15	05/05/16 16:22	SW6010
7439-92-1	Lead	6	U	1	1.5	1.5	6	ug/L	05/05/16 09:15	05/05/16 16:22	SW6010
7439-97-6	Mercury	0.2	U	1	0.1	0.1	0.2	ug/L	05/03/16 14:15	05/04/16 09:54	SW7470A
7782-49-2	Selenium	14.6		1	4.8	5.0	10	ug/L	05/05/16 09:15	05/05/16 16:22	SW6010
7440-22-4	Silver	5	U	1	1.25	1.25	5	ug/L	05/05/16 09:15	05/05/16 16:22	SW6010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Mercury			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-2	SDG No.:	H2802
Lab Sample ID:	H2802-04	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	10	U	1	2.5	2.5	10	ug/L	05/05/16 09:15	05/05/16 16:56	SW6010
7440-39-3	Barium	20.5	J	1	4	12.5	50	ug/L	05/05/16 09:15	05/05/16 16:56	SW6010
7440-43-9	Cadmium	3	U	1	0.5	0.75	3	ug/L	05/05/16 09:15	05/05/16 16:56	SW6010
7440-47-3	Chromium	5	U	1	1.1	1.25	5	ug/L	05/05/16 09:15	05/05/16 16:56	SW6010
7439-92-1	Lead	6.06		1	1.5	1.5	6	ug/L	05/05/16 09:15	05/05/16 16:56	SW6010
7439-97-6	Mercury	0.2	U	1	0.1	0.1	0.2	ug/L	05/03/16 14:15	05/04/16 10:02	SW7470A
7782-49-2	Selenium	7.84	J	1	4.8	5.0	10	ug/L	05/05/16 09:15	05/05/16 16:56	SW6010
7440-22-4	Silver	5	U	1	1.25	1.25	5	ug/L	05/05/16 09:15	05/05/16 16:56	SW6010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Mercury			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-3	SDG No.:	H2802
Lab Sample ID:	H2802-05	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	10	U	1	2.5	2.5	10	ug/L	05/05/16 09:15	05/05/16 17:00	SW6010
7440-39-3	Barium	34.4	J	1	4	12.5	50	ug/L	05/05/16 09:15	05/05/16 17:00	SW6010
7440-43-9	Cadmium	3	U	1	0.5	0.75	3	ug/L	05/05/16 09:15	05/05/16 17:00	SW6010
7440-47-3	Chromium	1.3	J	1	1.1	1.25	5	ug/L	05/05/16 09:15	05/05/16 17:00	SW6010
7439-92-1	Lead	7.62		1	1.5	1.5	6	ug/L	05/05/16 09:15	05/05/16 17:00	SW6010
7439-97-6	Mercury	0.2	U	1	0.1	0.1	0.2	ug/L	05/03/16 14:15	05/04/16 10:04	SW7470A
7782-49-2	Selenium	7.48	J	1	4.8	5.0	10	ug/L	05/05/16 09:15	05/05/16 17:00	SW6010
7440-22-4	Silver	5	U	1	1.25	1.25	5	ug/L	05/05/16 09:15	05/05/16 17:00	SW6010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Mercury			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
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J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	MW-4	SDG No.:	H2802
Lab Sample ID:	H2802-06	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	10	U	1	2.5	2.5	10	ug/L	05/05/16 09:15	05/05/16 17:04	SW6010
7440-39-3	Barium	5.68	J	1	4	12.5	50	ug/L	05/05/16 09:15	05/05/16 17:04	SW6010
7440-43-9	Cadmium	1.15	J	1	0.5	0.75	3	ug/L	05/05/16 09:15	05/05/16 17:04	SW6010
7440-47-3	Chromium	1.13	J	1	1.1	1.25	5	ug/L	05/05/16 09:15	05/05/16 17:04	SW6010
7439-92-1	Lead	6	U	1	1.5	1.5	6	ug/L	05/05/16 09:15	05/05/16 17:04	SW6010
7439-97-6	Mercury	0.2	U	1	0.1	0.1	0.2	ug/L	05/03/16 14:15	05/04/16 10:11	SW7470A
7782-49-2	Selenium	8.45	J	1	4.8	5.0	10	ug/L	05/05/16 09:15	05/05/16 17:04	SW6010
7440-22-4	Silver	5	U	1	1.25	1.25	5	ug/L	05/05/16 09:15	05/05/16 17:04	SW6010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Mercury			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/27/16
Project:	4185 Military Road, Niagara, NY	Date Received:	04/29/16
Client Sample ID:	DUP	SDG No.:	H2802
Lab Sample ID:	H2802-07	Matrix:	WATER
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-38-2	Arsenic	10	U	1	2.5	2.5	10	ug/L	05/05/16 09:15	05/05/16 17:08	SW6010
7440-39-3	Barium	50	U	1	4	12.5	50	ug/L	05/05/16 09:15	05/05/16 17:08	SW6010
7440-43-9	Cadmium	1.19	J	1	0.5	0.75	3	ug/L	05/05/16 09:15	05/05/16 17:08	SW6010
7440-47-3	Chromium	1.66	J	1	1.1	1.25	5	ug/L	05/05/16 09:15	05/05/16 17:08	SW6010
7439-92-1	Lead	6	U	1	1.5	1.5	6	ug/L	05/05/16 09:15	05/05/16 17:08	SW6010
7439-97-6	Mercury	0.2	U	1	0.1	0.1	0.2	ug/L	05/03/16 14:15	05/04/16 10:13	SW7470A
7782-49-2	Selenium	6.89	J	1	4.8	5.0	10	ug/L	05/05/16 09:15	05/05/16 17:08	SW6010
7440-22-4	Silver	5	U	1	1.25	1.25	5	ug/L	05/05/16 09:15	05/05/16 17:08	SW6010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Mercury			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
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 OR = Over Range
 N = Spiked sample recovery not within control limits

METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. **SDG No.:** H2802
Contract: LABE01 **Lab Code:** CHEM **Case No.:** H2802 **SAS No.:** H2802
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV31	Mercury	3.8215	4.0	95.5	90 - 110	CV	05/04/2016	08:43	LB81385

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C.

SDG No.: H2802

Contract: LABE01

Lab Code: CHEM

Case No.: H2802

SAS No.: H2802

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis Date	Analysis Time	Run Number
		ug/L		Recovery	Window (%R)				
CCV05	Mercury	4.6306	5.0	92.6	90 - 110	CV	05/04/2016	08:47	LB81385
CCV06	Mercury	4.7295	5.0	94.6	90 - 110	CV	05/04/2016	09:15	LB81385
CCV07	Mercury	4.5488	5.0	91	90 - 110	CV	05/04/2016	09:41	LB81385
CCV08	Mercury	5.1547	5.0	103.1	90 - 110	CV	05/04/2016	10:07	LB81385
CCV09	Mercury	5.1564	5.0	103.1	90 - 110	CV	05/04/2016	10:28	LB81385

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>LaBella Associates P.C.</u>	SDG No.:	<u>H2802</u>				
Contract:	<u>LABE01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>H2802</u>	SAS No.:	<u>H2802</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	Inorganic Ventures						

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis Date	Analysis Time	Run Number
		ug/L		Recovery	Window (%R)				
ICV01	Arsenic	1044.5	999	104.6	90 - 110	P	05/05/2016	11:16	LB81428
	Barium	510.2	503	101.4	90 - 110	P	05/05/2016	11:16	LB81428
	Cadmium	502.93	496	101.4	90 - 110	P	05/05/2016	11:16	LB81428
	Chromium	516.12	490	105.3	90 - 110	P	05/05/2016	11:16	LB81428
	Lead	1019.2	1002	101.7	90 - 110	P	05/05/2016	11:16	LB81428
	Selenium	1036.2	1029	100.7	90 - 110	P	05/05/2016	11:16	LB81428
	Silver	519.93	501	103.8	90 - 110	P	05/05/2016	11:16	LB81428

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2802
Contract: LABE01 Lab Code: CHEM Case No.: H2802 SAS No.: H2802
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	22.71	20.0	113.6	70 - 130	P	05/05/2016	11:24	LB81428
	Barium	92.34	100	92.3	70 - 130	P	05/05/2016	11:24	LB81428
	Cadmium	5.99	6.0	99.8	70 - 130	P	05/05/2016	11:24	LB81428
	Chromium	9.96	10.0	99.6	70 - 130	P	05/05/2016	11:24	LB81428
	Lead	10.91	12.0	90.9	70 - 130	P	05/05/2016	11:24	LB81428
	Selenium	19.69	20.0	98.5	70 - 130	P	05/05/2016	11:24	LB81428
	Silver	9.23	10.0	92.3	70 - 130	P	05/05/2016	11:24	LB81428

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2802
Contract: LABE01 Lab Code: CHEM Case No.: H2802 SAS No.: H2802
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	4988.4	5000	99.8	90 - 110	P	05/05/2016	11:45	LB81428
	Barium	9314.9	10000	93.1	90 - 110	P	05/05/2016	11:45	LB81428
	Cadmium	2531.9	2500	101.3	90 - 110	P	05/05/2016	11:45	LB81428
	Chromium	993.06	1000	99.3	90 - 110	P	05/05/2016	11:45	LB81428
	Lead	5009.9	5000	100.2	90 - 110	P	05/05/2016	11:45	LB81428
	Selenium	5028.1	5000	100.6	90 - 110	P	05/05/2016	11:45	LB81428
	Silver	1246.1	1250	99.7	90 - 110	P	05/05/2016	11:45	LB81428

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>LaBella Associates P.C.</u>	SDG No.:	<u>H2802</u>				
Contract:	<u>LABE01</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>H2802</u>	SAS No.:	<u>H2802</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	Inorganic Ventures						

Sample ID	Analyte	Result	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
		ug/L							
LLCCV01	Arsenic	22.12	20.0	110.6	70 - 130	P	05/05/2016	11:49	LB81428
	Barium	89.6	100	89.6	70 - 130	P	05/05/2016	11:49	LB81428
	Cadmium	5.91	6.0	98.5	70 - 130	P	05/05/2016	11:49	LB81428
	Chromium	9.58	10.0	95.8	70 - 130	P	05/05/2016	11:49	LB81428
	Lead	10.21	12.0	85.1	70 - 130	P	05/05/2016	11:49	LB81428
	Selenium	22.29	20.0	111.5	70 - 130	P	05/05/2016	11:49	LB81428
	Silver	8.75	10.0	87.5	70 - 130	P	05/05/2016	11:49	LB81428

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2802

Contract: LABE01 Lab Code: CHEM Case No.: H2802 SAS No.: H2802

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Arsenic	4864.6	5000	97.3	90 - 110	P	05/05/2016	12:43	LB81428
	Barium	9133.8	10000	91.3	90 - 110	P	05/05/2016	12:43	LB81428
	Cadmium	2451.8	2500	98.1	90 - 110	P	05/05/2016	12:43	LB81428
	Chromium	957.6	1000	95.8	90 - 110	P	05/05/2016	12:43	LB81428
	Lead	4840.8	5000	96.8	90 - 110	P	05/05/2016	12:43	LB81428
	Selenium	4927.1	5000	98.5	90 - 110	P	05/05/2016	12:43	LB81428
	Silver	1206.9	1250	96.6	90 - 110	P	05/05/2016	12:43	LB81428
CCV03	Arsenic	5103.2	5000	102.1	90 - 110	P	05/05/2016	13:45	LB81428
	Barium	9346.6	10000	93.5	90 - 110	P	05/05/2016	13:45	LB81428
	Cadmium	2549.8	2500	102	90 - 110	P	05/05/2016	13:45	LB81428
	Chromium	995.26	1000	99.5	90 - 110	P	05/05/2016	13:45	LB81428
	Lead	5050.6	5000	101	90 - 110	P	05/05/2016	13:45	LB81428
	Selenium	5112.6	5000	102.3	90 - 110	P	05/05/2016	13:45	LB81428
	Silver	1251.9	1250	100.2	90 - 110	P	05/05/2016	13:45	LB81428
CCV04	Arsenic	5055.1	5000	101.1	90 - 110	P	05/05/2016	14:48	LB81428
	Barium	9353.7	10000	93.5	90 - 110	P	05/05/2016	14:48	LB81428
	Cadmium	2512.2	2500	100.5	90 - 110	P	05/05/2016	14:48	LB81428
	Chromium	979.53	1000	98	90 - 110	P	05/05/2016	14:48	LB81428
	Lead	4980.3	5000	99.6	90 - 110	P	05/05/2016	14:48	LB81428
	Selenium	5063	5000	101.3	90 - 110	P	05/05/2016	14:48	LB81428
	Silver	1231.5	1250	98.5	90 - 110	P	05/05/2016	14:48	LB81428
CCV05	Arsenic	5044.4	5000	100.9	90 - 110	P	05/05/2016	15:41	LB81428
	Barium	9322.7	10000	93.2	90 - 110	P	05/05/2016	15:41	LB81428
	Cadmium	2497.3	2500	99.9	90 - 110	P	05/05/2016	15:41	LB81428
	Chromium	978.26	1000	97.8	90 - 110	P	05/05/2016	15:41	LB81428
	Lead	4952	5000	99	90 - 110	P	05/05/2016	15:41	LB81428
	Selenium	5055.2	5000	101.1	90 - 110	P	05/05/2016	15:41	LB81428
	Silver	1233.2	1250	98.7	90 - 110	P	05/05/2016	15:41	LB81428

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2802

Contract: LABE01 Lab Code: CHEM Case No.: H2802 SAS No.: H2802

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLCCV02	Arsenic	23.09	20.0	115.5	70 - 130	P	05/05/2016	15:45	LB81428
	Barium	84.8	100	84.8	70 - 130	P	05/05/2016	15:45	LB81428
	Cadmium	5.85	6.0	97.5	70 - 130	P	05/05/2016	15:45	LB81428
	Chromium	9.57	10.0	95.7	70 - 130	P	05/05/2016	15:45	LB81428
	Lead	9.84	12.0	82	70 - 130	P	05/05/2016	15:45	LB81428
	Selenium	19.96	20.0	99.8	70 - 130	P	05/05/2016	15:45	LB81428
	Silver	9.01	10.0	90.1	70 - 130	P	05/05/2016	15:45	LB81428

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C. SDG No.: H2802

Contract: LABE01 Lab Code: CHEM Case No.: H2802 SAS No.: H2802

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV06	Arsenic	5112.5	5000	102.3	90 - 110	P	05/05/2016	16:34	LB81428
	Barium	9386	10000	93.9	90 - 110	P	05/05/2016	16:34	LB81428
	Cadmium	2542.1	2500	101.7	90 - 110	P	05/05/2016	16:34	LB81428
	Chromium	988.56	1000	98.9	90 - 110	P	05/05/2016	16:34	LB81428
	Lead	5028.4	5000	100.6	90 - 110	P	05/05/2016	16:34	LB81428
	Selenium	5128.7	5000	102.6	90 - 110	P	05/05/2016	16:34	LB81428
	Silver	1244.7	1250	99.6	90 - 110	P	05/05/2016	16:34	LB81428
CCV07	Arsenic	5031.9	5000	100.6	90 - 110	P	05/05/2016	17:24	LB81428
	Barium	9325.8	10000	93.3	90 - 110	P	05/05/2016	17:24	LB81428
	Cadmium	2507.4	2500	100.3	90 - 110	P	05/05/2016	17:24	LB81428
	Chromium	986.35	1000	98.6	90 - 110	P	05/05/2016	17:24	LB81428
	Lead	4970.6	5000	99.4	90 - 110	P	05/05/2016	17:24	LB81428
	Selenium	5042.6	5000	100.9	90 - 110	P	05/05/2016	17:24	LB81428
	Silver	1234.6	1250	98.8	90 - 110	P	05/05/2016	17:24	LB81428
CCV08	Arsenic	5007.1	5000	100.1	90 - 110	P	05/05/2016	17:36	LB81428
	Barium	9233.7	10000	92.3	90 - 110	P	05/05/2016	17:36	LB81428
	Cadmium	2478.6	2500	99.1	90 - 110	P	05/05/2016	17:36	LB81428
	Chromium	966.63	1000	96.7	90 - 110	P	05/05/2016	17:36	LB81428
	Lead	4919.5	5000	98.4	90 - 110	P	05/05/2016	17:36	LB81428
	Selenium	4989.5	5000	99.8	90 - 110	P	05/05/2016	17:36	LB81428
	Silver	1216.2	1250	97.3	90 - 110	P	05/05/2016	17:36	LB81428

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: LaBella Associates P.C.

SDG No.: H2802

Contract: LABE01 **Lab Code:** CHEM

Case No.: H2802

SAS No.: H2802

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result	True Value	%	Acceptance	M	Analysis Date	Analysis Time	Run Number
		ug/L		Recovery	Window (%R)				
LLCCV03	Arsenic	22.85	20.0	114.3	70 - 130	P	05/05/2016	17:40	LB81428
	Barium	87.23	100	87.2	70 - 130	P	05/05/2016	17:40	LB81428
	Cadmium	5.9	6.0	98.3	70 - 130	P	05/05/2016	17:40	LB81428
	Chromium	9.47	10.0	94.7	70 - 130	P	05/05/2016	17:40	LB81428
	Lead	10.66	12.0	88.8	70 - 130	P	05/05/2016	17:40	LB81428
	Selenium	19.88	20.0	99.4	70 - 130	P	05/05/2016	17:40	LB81428
	Silver	8.68	10.0	86.8	70 - 130	P	05/05/2016	17:40	LB81428



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Metals

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CRDL STANDARD FOR AA & ICP

Client: LaBella Associates P.C. SDG No.: H2802
Contract: LABE01 Lab Code: CHEM Case No.: H2802 SAS No.: H2802
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.1715	0.2	85.8	40 - 160	CV	05/04/2016	08:51	LB81385
CRI01	Arsenic	20.13	20.0	100.7	40 - 160	P	05/05/2016	11:32	LB81428
	Barium	91.24	100	91.2	40 - 160	P	05/05/2016	11:32	LB81428
	Cadmium	6.01	6.0	100.2	40 - 160	P	05/05/2016	11:32	LB81428
	Chromium	9.7	10.0	97	40 - 160	P	05/05/2016	11:32	LB81428
	Lead	9.98	12.0	83.2	40 - 160	P	05/05/2016	11:32	LB81428
	Selenium	25.55	20.0	127.8	40 - 160	P	05/05/2016	11:32	LB81428
	Silver	9.7	10.0	97	40 - 160	P	05/05/2016	11:32	LB81428



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	LaBella Associates P.C.				SDG No.:	H2802				
Contract:	LABE01	Lab Code:	CHEM		Case No.:	H2802			SAS No.:	H2802
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB31	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	05/04/2016	08:45	LB81385

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client:	LaBella Associates P.C.	SDG No.:	H2802				
Contract:	LABE01	Lab Code:	CHEM	Case No.:	H2802	SAS No.:	H2802

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB05	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	05/04/2016	08:49	LB81385
CCB06	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	05/04/2016	09:18	LB81385
CCB07	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	05/04/2016	09:43	LB81385
CCB08	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	05/04/2016	10:09	LB81385
CCB09	Mercury	0.2	+/-0.2	U	0.1	0.2	CV	05/04/2016	10:30	LB81385

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C. SDG No.: H2802
Contract: LABE01 Lab Code: CHEM Case No.: H2802 SAS No.: H2802

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	05/05/2016	11:28	LB81428
	Barium	100	+/-100	U	25.0	100	P	05/05/2016	11:28	LB81428
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	05/05/2016	11:28	LB81428
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	11:28	LB81428
	Lead	12.0	+/-12.0	U	3.0	12.0	P	05/05/2016	11:28	LB81428
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	05/05/2016	11:28	LB81428
	Silver	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	11:28	LB81428

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C. SDG No.: H2802
Contract: LABE01 Lab Code: CHEM Case No.: H2802 SAS No.: H2802

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	05/05/2016	11:53	LB81428
	Barium	100	+/-100	U	25.0	100	P	05/05/2016	11:53	LB81428
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	05/05/2016	11:53	LB81428
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	11:53	LB81428
	Lead	12.0	+/-12.0	U	3.0	12.0	P	05/05/2016	11:53	LB81428
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	05/05/2016	11:53	LB81428
	Silver	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	11:53	LB81428
CCB02	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	05/05/2016	12:53	LB81428
	Barium	100	+/-100	U	25.0	100	P	05/05/2016	12:53	LB81428
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	05/05/2016	12:53	LB81428
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	12:53	LB81428
	Lead	12.0	+/-12.0	U	3.0	12.0	P	05/05/2016	12:53	LB81428
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	05/05/2016	12:53	LB81428
	Silver	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	12:53	LB81428
CCB03	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	05/05/2016	13:54	LB81428
	Barium	100	+/-100	U	25.0	100	P	05/05/2016	13:54	LB81428
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	05/05/2016	13:54	LB81428
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	13:54	LB81428
	Lead	12.0	+/-12.0	U	3.0	12.0	P	05/05/2016	13:54	LB81428
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	05/05/2016	13:54	LB81428
	Silver	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	13:54	LB81428
CCB04	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	05/05/2016	14:56	LB81428
	Barium	100	+/-100	U	25.0	100	P	05/05/2016	14:56	LB81428
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	05/05/2016	14:56	LB81428
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	14:56	LB81428
	Lead	12.0	+/-12.0	U	3.0	12.0	P	05/05/2016	14:56	LB81428
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	05/05/2016	14:56	LB81428
	Silver	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	14:56	LB81428
CCB05	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	05/05/2016	15:49	LB81428
	Barium	100	+/-100	U	25.0	100	P	05/05/2016	15:49	LB81428
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	05/05/2016	15:49	LB81428
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	15:49	LB81428
	Lead	12.0	+/-12.0	U	3.0	12.0	P	05/05/2016	15:49	LB81428
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	05/05/2016	15:49	LB81428
	Silver	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	15:49	LB81428
CCB06	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	05/05/2016	16:38	LB81428
	Barium	100	+/-100	U	25.0	100	P	05/05/2016	16:38	LB81428
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	05/05/2016	16:38	LB81428
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	16:38	LB81428
	Lead	12.0	+/-12.0	U	3.0	12.0	P	05/05/2016	16:38	LB81428

Metals

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INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2802

Contract: LABE01

Lab Code: CHEM

Case No.: H2802

SAS No.: H2802

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	LOD	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Selenium	20.0	+/-20.0	U	10.0	20.0	P	05/05/2016	16:38	LB81428
	Silver	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	16:38	LB81428
CCB07	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	05/05/2016	17:28	LB81428
	Barium	100	+/-100	U	25.0	100	P	05/05/2016	17:28	LB81428
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	05/05/2016	17:28	LB81428
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	17:28	LB81428
	Lead	12.0	+/-12.0	U	3.0	12.0	P	05/05/2016	17:28	LB81428
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	05/05/2016	17:28	LB81428
	Silver	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	17:28	LB81428
CCB08	Arsenic	20.0	+/-20.0	U	5.0	20.0	P	05/05/2016	17:44	LB81428
	Barium	100	+/-100	U	25.0	100	P	05/05/2016	17:44	LB81428
	Cadmium	6.0	+/-6.0	U	1.5	6.0	P	05/05/2016	17:44	LB81428
	Chromium	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	17:44	LB81428
	Lead	12.0	+/-12.0	U	3.0	12.0	P	05/05/2016	17:44	LB81428
	Selenium	20.0	+/-20.0	U	10.0	20.0	P	05/05/2016	17:44	LB81428
	Silver	10.0	+/-10.0	U	2.5	10.0	P	05/05/2016	17:44	LB81428

Metals
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PREPARATION BLANK SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2802

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB90281BL		WATER		Batch Number:		PB90281		Prep Date:	05/03/2016	
	Mercury	0.2	<0.2	U	0.1	0.2	CV	05/04/2016	09:50	LB81385

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2802

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	LOD ug/L	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB90306BL		WATER		Batch Number:		PB90306		Prep Date:	05/05/2016	
	Arsenic	10.0	<10.0	U	2.5	10.0	P	05/05/2016	16:14	LB81428
	Barium	50.0	<50.0	U	12.5	50.0	P	05/05/2016	16:14	LB81428
	Cadmium	3.0	<3.0	U	0.75	3.0	P	05/05/2016	16:14	LB81428
	Chromium	5.0	<5.0	U	1.25	5.0	P	05/05/2016	16:14	LB81428
	Lead	6.0	<6.0	U	1.5	6.0	P	05/05/2016	16:14	LB81428
	Selenium	10.0	<10.0	U	5.0	10.0	P	05/05/2016	16:14	LB81428
	Silver	5.0	<5.0	U	1.25	5.0	P	05/05/2016	16:14	LB81428

Metals

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INTERFERENCE CHECK SAMPLE

Client: LaBella Associates P.C. SDG No.: H2802
 Contract: LABE01 Lab Code: CHEM Case No.: H2802 SAS No.: H2802
 ICS Source: EPA Instrument ID: P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	5.3			-20	20	05/05/2016	11:36	LB81428
	Barium	6.14	6.0	102.3	-94	106	05/05/2016	11:36	LB81428
	Cadmium	1.68	1.0	168	-5	7	05/05/2016	11:36	LB81428
	Chromium	57.7	52.0	111	42	62	05/05/2016	11:36	LB81428
	Lead	0.1			-12	12	05/05/2016	11:36	LB81428
	Selenium	-5.09			-20	20	05/05/2016	11:36	LB81428
	Silver	5.59			-10	10	05/05/2016	11:36	LB81428
ICSAB01	Arsenic	100	104	96.2	83	125	05/05/2016	11:41	LB81428
	Barium	490	537	91.2	337	737	05/05/2016	11:41	LB81428
	Cadmium	1050	972	108	778	1166	05/05/2016	11:41	LB81428
	Chromium	567	542	104.6	434	650	05/05/2016	11:41	LB81428
	Lead	46.6	49.0	95.1	39	59	05/05/2016	11:41	LB81428
	Selenium	44.2	46.0	96.1	11	81	05/05/2016	11:41	LB81428
	Silver	229	201	113.9	161	241	05/05/2016	11:41	LB81428

METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: LaBella Associates P.C. level: low sdg no.: H2802
contract: LABE01 lab code: CHEM case no.: H2802 sas no.: H2802
matrix: WATER sample id: H2802-01 client id: MW-1MS
Percent Solids for Sample: NA Spiked ID: H2802-02 Percent Solids for Spike Sample: NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	422		10.0	U	400	105.5		P
Barium	ug/L	75 - 125	101		4.89	J	100	96		P
Cadmium	ug/L	75 - 125	103		0.82	J	100	102		P
Chromium	ug/L	75 - 125	200		2.98	J	200	99		P
Lead	ug/L	75 - 125	502		6.0	U	500	100.4		P
Mercury	ug/L	75 - 125	3.91		0.2	U	4.0	97.8		CV
Selenium	ug/L	75 - 125	1040		14.6		1000	103		P
Silver	ug/L	75 - 125	36.2		5.0	U	37.5	96.5		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: LaBella Associates P.C. **level:** low **sdg no.:** H2802
contract: LABE01 **lab code:** CHEM **case no.:** H2802 **sas no.:** H2802
matrix: WATER **sample id:** H2802-01 **client id:** MW-1MSD
Percent Solids for Sample: NA **Spiked ID:** H2802-03 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	414		10.0	U	400	103.5		P
Barium	ug/L	75 - 125	98.8		4.89	J	100	94		P
Cadmium	ug/L	75 - 125	101		0.82	J	100	100		P
Chromium	ug/L	75 - 125	197		2.98	J	200	97		P
Lead	ug/L	75 - 125	492		6.0	U	500	98.4		P
Mercury	ug/L	75 - 125	3.97		0.2	U	4.0	99.3		CV
Selenium	ug/L	75 - 125	1020		14.6		1000	101		P
Silver	ug/L	75 - 125	35.3		5.0	U	37.5	94.1		P

Metals
- 5b -

Client: LaBella Associates P.C.

SDG No.: H2802

Contract: LABE01

Lab Code: CHEM

Case No.: H2802

SAS No.: H2802

Matrix:

Level: LOW

Client ID:

Sample ID:

Spiked ID:

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M
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Metals

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DUPLICATE SAMPLE SUMMARY

Client: LaBella Associates P.C. **Level:** LOW **SDG No.:** H2802
Contract: LABE01 **Lab Code:** CHEM **Case No.:** H2802 **SAS No.:** H2802
Matrix: WATER **Sample ID:** H2802-01 **Client ID:** MW-1DUP
Percent Solids for Sample: NA **Duplicate ID** H2802-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	4.89	J	4.32	J	12		P
Cadmium	ug/L	20	0.82	J	0.85	J	4		P
Chromium	ug/L	20	2.98	J	2.98	J	0		P
Lead	ug/L	20	6.0	U	6.0	U			P
Mercury	ug/L	20	0.2	U	0.2	U			CV
Selenium	ug/L	20	14.6		15.9		9		P
Silver	ug/L	20	5.0	U	5.0	U			P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: LaBella Associates P.C. **Level:** LOW **SDG No.:** H2802
Contract: LABE01 **Lab Code:** CHEM **Case No.:** H2802 **SAS No.:** H2802
Matrix: WATER **Sample ID:** H2802-02 **Client ID:** MW-1MSD
Percent Solids for Sample: NA **Duplicate ID** H2802-03 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	422		414		2		P
Barium	ug/L	20	101		98.8		2		P
Cadmium	ug/L	20	103		101		2		P
Chromium	ug/L	20	200		197		2		P
Lead	ug/L	20	502		492		2		P
Mercury	ug/L	20	3.91		3.97		2		CV
Selenium	ug/L	20	1040		1020		2		P
Silver	ug/L	20	36.2		35.3		3		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LaBella Associates P.C.

SDG No.: H2802

Contract: LABE01

Lab Code: CHEM

Case No.: H2802

SAS No.: H2802

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB90281BS Mercury	ug/L	4.0	3.52		88	80 - 120	CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: LaBella Associates P.C.SDG No.: H2802Contract: LABE01Lab Code: CHEMCase No.: H2802 SAS No.: H2802

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB90306BS							
Arsenic	ug/L	400	421		105.3	80 - 120	P
Barium	ug/L	100	100		100	80 - 120	P
Cadmium	ug/L	100	102		102	80 - 120	P
Chromium	ug/L	200	217		108.5	80 - 120	P
Lead	ug/L	500	511		102.2	80 - 120	P
Selenium	ug/L	1000	1010		101	80 - 120	P
Silver	ug/L	37.5	38.1		101.6	80 - 120	P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-1L

Lab Name: Chemtech Consulting Group **Contract:** LABE01
Lab Code: CHEM **Lb No.:** lb81428 **Lab Sample ID :** H2802-01L **SDG No.:** H2802
Matrix (soil/water): WATER **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence		Q	M
		C		C				
Arsenic		10.0 U		50.0 U				P
Barium		4.89 J		250 U		100.0		P
Cadmium		0.82 J		15.0 U		100.0		P
Chromium		2.98 J		25.0 U		100.0		P
Lead		6.0 U		30.0 U				P
Mercury		0.2 U		1.0 U				CV
Selenium		14.6		42 J		188		P
Silver		5.0 U		25.0 U				P

METAL PREPARATION & INSTRUMENT DATA

Metals
- 10 -

Client:	<u>LaBella Associates P.C.</u>	SDG No.:	<u>H2802</u>
Contract:	<u>LABE01</u>	Lab Code:	<u>CHEM</u>
Instrument ID:	<u>P4</u>	Case No.:	<u>H2802</u>
		SAS No.:	<u>H2802</u>
		Preparation Method:	<u></u>

Analyte	Wave- length (nm)	MDL	LOD	PQL	Date:
LIQUID					
Method:	6010B				
Arsenic	189.04	2.5	2.5	10	
Barium	493.41	4	12.5	50	
Cadmium	226.50	0.50	0.75	3	
Chromium	267.72	1.1	1.25	5	
Lead	220.35	1.5	1.5	6	
Selenium	196.02	4.8	5.0	10	
Silver	328.07	1.25	1.25	5	

Metals
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Client: LaBella Associates P.C.

SDG No.: H2802

Contract: LABE01

Lab Code: CHEM

Case No.: H2802

SAS No.: H2802

Instrument ID: CV1

Preparation Method:

Analyte	Wave- length (nm)	MDL	LOD	PQL	Date:
LIQUID					
Method: 7470A					
Mercury	253.70	0.10	0.1	0.2	

Metals
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ICP INTERELEMENT CORRECTION FACTORS

Client: LaBella Associates P.C. **SDG No.:** H2802
Contract: LABE01 **Lab Code:** CHEM **Case No.:** H2802 **SAS No.:** H2802
Instrument ID: _____ **Date:** _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0001030	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000840	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0001070	0.0000000	0.0000280	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001280	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001170	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: LaBella Associates P.C.

SDG No.: H2802

Contract: LABE01

Lab Code: CHEM

Case No.: H2802

SAS No.: H2802

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0002660
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: LaBella Associates P.C.SDG No.: H2802Contract: LABE01Lab Code: CHEMCase No.: H2802SAS No.: H2802

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0011220	0.0000000	0.0000000	0.0000000	0.0015300
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000600
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0002280	0.0000000
Lead	220.353	-0.0003060	0.0000000	0.0000000	0.0001250	-0.0013650
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0006680	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: LaBella Associates P.C.

SDG No.: H2802

Contract: LABE01

Lab Code: CHEM

Case No.: H2802

SAS No.: H2802

Instrument ID: _____

Date: _____

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	-0.0000930	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0002444	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: LaBella Associates P.C.

SDG No.: H2802

Contract: LABE01

Lab Code: CHEM

Case No.: H2802

SAS No.: H2802

Instrument ID: _____

Date: _____

Interement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	-0.0040370	0.0000000

Metals
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LINEAR RANGES

Client: <u>LaBella Associates P.C.</u>	SDG No.: <u>H2802</u>	
Contract: <u>LABE01</u>	Lab Code: <u>CHEM</u>	Case No.: <u>H2802</u> SAS No.: <u>H2802</u>
Instrument ID: <u>P4</u>	Date: <u>02/20/2015</u>	

Analyte	Integration	LDR ug/L
	Time (sec)	
Arsenic	10	90000
Barium	10	100000
Cadmium	10	10000
Chromium	10	85000
Lead	10	280000
Selenium	10	45000
Silver	10	8500

METAL PREPARATION & ANALYICAL SUMMARY

Metals
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SAMPLE PREPARATION SUMMARY

Client: LaBella Associates P.C. SDG No.: H2802
Contract: LABE01 Lab Code: CHEM Method:
Case No.: H2802 SAS No.: H2802

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB90281							
H2802-01	MW-1	SAM	WATER	05/03/2016	30.0	30.0	
H2802-01DUP	MW-1DUP	DUP	WATER	05/03/2016	30.0	30.0	
H2802-02	MW-1MS	MS	WATER	05/03/2016	30.0	30.0	
H2802-03	MW-1MSD	MSD	WATER	05/03/2016	30.0	30.0	
H2802-04	MW-2	SAM	WATER	05/03/2016	30.0	30.0	
H2802-05	MW-3	SAM	WATER	05/03/2016	30.0	30.0	
H2802-06	MW-4	SAM	WATER	05/03/2016	30.0	30.0	
H2802-07	DUP	SAM	WATER	05/03/2016	30.0	30.0	
PB90281BL	PB90281BL	MB	WATER	05/03/2016	30.0	30.0	
PB90281BS	PB90281BS	LCS	WATER	05/03/2016	30.0	30.0	

Metals
- 13 -**SAMPLE PREPARATION SUMMARY**

Client: LaBella Associates P.C. **SDG No.:** H2802
Contract: LABE01 **Lab Code:** CHEM **Method:**
Case No.: H2802 **SAS No.:** H2802

					Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Sample ID	Client ID	Sample Type	Matrix	Prep Date			
Batch Number: PB90306							
H2802-01	MW-1	SAM	WATER	05/05/2016	50.0	25.0	
H2802-01DUP	MW-1DUP	DUP	WATER	05/05/2016	50.0	25.0	
H2802-02	MW-1MS	MS	WATER	05/05/2016	50.0	25.0	
H2802-03	MW-1MSD	MSD	WATER	05/05/2016	50.0	25.0	
H2802-04	MW-2	SAM	WATER	05/05/2016	50.0	25.0	
H2802-05	MW-3	SAM	WATER	05/05/2016	50.0	25.0	
H2802-06	MW-4	SAM	WATER	05/05/2016	50.0	25.0	
H2802-07	DUP	SAM	WATER	05/05/2016	50.0	25.0	
PB90306BL	PB90306BL	MB	WATER	05/05/2016	50.0	25.0	
PB90306BS	PB90306BS	LCS	WATER	05/05/2016	50.0	25.0	

metals

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ANALYSIS RUN LOG
Client: LaBella Associates P.C.
Contract: LABE01
Lab code: CHEM **Case no.:** H2802 **Sas no.:** H2802
Sdg no.: H2802
Instrument id number: **Method:**
Run number: LB81385
Start date: 05/04/2016 **End date:** 05/04/2016

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0830	HG
S0.2	S0.2	1	0832	HG
S2.5	S2.5	1	0834	HG
S5	S5	1	0836	HG
S7.5	S7.5	1	0838	HG
S10	S10	1	0840	HG
ICV31	ICV31	1	0843	HG
ICB31	ICB31	1	0845	HG
CCV05	CCV05	1	0847	HG
CCB05	CCB05	1	0849	HG
CRA	CRA	1	0851	HG
CCV06	CCV06	1	0915	HG
CCB06	CCB06	1	0918	HG
CCV07	CCV07	1	0941	HG
CCB07	CCB07	1	0943	HG
PB90281BL	PB90281BL	1	0950	HG
PB90281BS	PB90281BS	1	0952	HG
H2802-01	MW-1	1	0954	HG
H2802-01DUP	MW-1DUP	1	0956	HG
H2802-02	MW-1MS	1	0958	HG
H2802-03	MW-1MSD	1	1000	HG
H2802-04	MW-2	1	1002	HG
H2802-05	MW-3	1	1004	HG
CCV08	CCV08	1	1007	HG
CCB08	CCB08	1	1009	HG
H2802-06	MW-4	1	1011	HG
H2802-07	DUP	1	1013	HG
H2802-01L	MW-1L	5	1024	HG
CCV09	CCV09	1	1028	HG
CCB09	CCB09	1	1030	HG

metals
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ANALYSIS RUN LOG

Client: LaBella Associates P.C.
Contract: LABE01
Lab code: CHEM **Case no.:** H2802 **Sas no.:** H2802
Sdg no.: H2802
Instrument id number: **Method:**
Run number: LB81428
Start date: 05/05/2016 **End date:** 05/05/2016

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1052	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1056	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1100	,
S3	S3	1	1104	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1108	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1112	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1116	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1124	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1128	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1132	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1136	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1141	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1145	Ag,As,Ba,Cd,Cr,Pb,Se
LLCCV01	LLCCV01	1	1149	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1153	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1243	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1253	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1345	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1354	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1448	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1456	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1541	Ag,As,Ba,Cd,Cr,Pb,Se
LLCCV02	LLCCV02	1	1545	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1549	Ag,As,Ba,Cd,Cr,Pb,Se
PB90306BL	PB90306BL	1	1614	Ag,As,Ba,Cd,Cr,Pb,Se
PB90306BS	PB90306BS	1	1618	Ag,As,Ba,Cd,Cr,Pb,Se
H2802-01	MW-1	1	1622	Ag,As,Ba,Cd,Cr,Pb,Se
H2802-01DUP	MW-1DUP	1	1626	Ag,As,Ba,Cd,Cr,Pb,Se
H2802-01L	MW-1L	5	1630	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1634	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1638	Ag,As,Ba,Cd,Cr,Pb,Se
H2802-02	MW-1MS	1	1642	Ag,As,Ba,Cd,Cr,Pb,Se
H2802-03	MW-1MSD	1	1648	Ag,As,Ba,Cd,Cr,Pb,Se
H2802-04	MW-2	1	1656	Ag,As,Ba,Cd,Cr,Pb,Se
H2802-05	MW-3	1	1700	Ag,As,Ba,Cd,Cr,Pb,Se
H2802-06	MW-4	1	1704	Ag,As,Ba,Cd,Cr,Pb,Se
H2802-07	DUP	1	1708	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1724	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1728	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	1736	Ag,As,Ba,Cd,Cr,Pb,Se
LLCCV03	LLCCV03	1	1740	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	1744	Ag,As,Ba,Cd,Cr,Pb,Se

SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. H2802
QUOTE NO. H2802
COC Number 037524

7.1

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Yabulla Associates
ADDRESS: 300 Pearl Street, Suite 300
CITY: Buffalo STATE: NY ZIP: 14202
ATTENTION: Adam Zebrowski
PHONE: 716-551-6281 FAX: 716-551-6282

CLIENT PROJECT INFORMATION

PROJECT NAME: 4185 Military Rd. 8/11
PROJECT NO.: 210516 LOCATION: Niagara
PROJECT MANAGER: Adam Zebrowski
e-mail: azebrowski@yabulla.com
PHONE: 8AMLE FAX:

CLIENT BILLING INFORMATION

BILL TO: Yabulla PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: TICS PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: _____ DAYS *
EDD: _____ DAYS *
PREAPPROVED TAT: ☐ YES ☐ NO
* STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ LEVEL 1: Results only ☐ Others _____
☐ LEVEL 2: Results + QC
☐ LEVEL 3: Results (plus results raw data) + QC
☐ LEVEL 4: Results + QC (all raw data)
☐ EDD Format: _____

1. CP-STANDARD VOCs
2. TICS
3. Pesticides
4. Pesticides
5. Pesticides
6. Pesticides
7. Pesticides
8. Pesticides
9. Pesticides

ANALYSIS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	MW-1	GW	X		4/27/16	1115	15	X	X	X	X	X					MS/MSD
2.	MW-2	GW	X		4/27/16	1250	5	X	X	X	X	X					
3.	MW-3	GW	X		4/27/16	1500	5	X	X	X	X	X					
4.	MW-4	GW	X		4/27/16	1630	5	X	X	X	X	X					
5.	Dup	GW	X		4/27/16	1600	5	X	X	X	X	X					
6.	Top Blank	water					2	X									
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>James J. Doherty</u>	DATE/TIME: <u>4/28/16 0000</u>	RECEIVED BY: 1. <u>UPS</u>	Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant	Cooler Temp. <u>52</u>
RELINQUISHED BY: 2. <u>HDS</u>	DATE/TIME: <u>4-29-16</u>	RECEIVED BY: 2. <u>C. Doherty</u>	MeOH extraction requires an additional 4 oz jar for percent solid.	Ice in Cooler?: <u>Yes</u>
RELINQUISHED BY: 3. <u>HDS</u>	DATE/TIME: <u>4-29-16</u>	RECEIVED FOR LAB BY: 3. <u>C. Doherty</u>	Comments:	

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☐ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☐ YES ☐ NO

LaBella Damaged Samples

7.1

Sample ID	Damage	Comments
MW-1 MS	Lid broken	Can proceed with analysis if needed
MW-1 MSD	Lid broken	Can proceed with analysis if needed
MW-2	Lid broken and rim of amber chipped	Can proceed with analysis if needed
MW-3	Lid broken	Can proceed with analysis if needed
Dup	Shattered/unusable	Only one duplicate is left, so please advise whether to use this sample for pesticides or SVOCS

Loreana Davi

From: Dombrowski, Jessica <JDombrowski@LaBellaPC.com>
Sent: Monday, May 02, 2016 10:29 AM
To: Loreana@Chemtech.net
Subject: FW: Damaged samples
Attachments: Labella damaged samples 4-29-16.xlsx

Loreana:

Could you please analyze what you can with what you have? I would run the Dup sample for SVOCs if you are unable to run both pesticides and SVOCs.

Please let me know if you have any other questions or concerns.

Thanks,

Jessica

Jessica Dombrowski
Environmental Analyst
LaBella Associates, D.P.C.
Direct: 716-710-3038 | jdombrowski@labellapc.com

From: Zebrowski, Adam
Sent: Monday, May 02, 2016 10:16 AM
To: Dombrowski, Jessica
Subject: FW: Damaged samples

Adam Zebrowski
LaBella Associates, D.P.C.
Direct: 716-840-2548 | azebrowski@labellapc.com

From: Loreana Davi [<mailto:Loreana@chemtech.net>]
Sent: Friday, April 29, 2016 1:21 PM
To: Zebrowski, Adam
Subject: Damaged samples

My apologies, we actually would need to decide whether to use the remaining duplicate for **SVOCs** or for pesticides. Please advise.

Thank you again,

Loreana Davi, Assistant Project Manager
CHEMTECH Laboratories
284 Sheffield Street
Mountainside, NJ 07092

Loreana@Chemtech.net

H2802

From: Dombrowski, Jessica <JDombrowski@LaBellaPC.com>
Sent: Monday, May 02, 2016 10:29 AM
To: Loreana@Chemtech.net
Subject: FW: Damaged samples
Attachments: Labella damaged samples 4-29-16.xlsx

Loreana:

Could you please analyze what you can with what you have? I would run the Dup sample for SVOCs if you are unable to run both pesticides and SVOCs.

Please let me know if you have any other questions or concerns.

Thanks,

Jessica

Jessica Dombrowski

Environmental Analyst
LaBella Associates, D.P.C.
Direct: 716-710-3038 | jdombrowski@labellapc.com

From: Zebrowski, Adam
Sent: Monday, May 02, 2016 10:16 AM
To: Dombrowski, Jessica
Subject: FW: Damaged samples

Adam Zebrowski

LaBella Associates, D.P.C.
Direct: 716-840-2548 | azebrowski@labellapc.com

From: Loreana Davi [<mailto:Loreana@chemtech.net>]
Sent: Friday, April 29, 2016 1:21 PM
To: Zebrowski, Adam
Subject: Damaged samples

My apologies, we actually would need to decide whether to use the remaining duplicate for SVOCs or for pesticides. Please advise.

Thank you again,

Loreana Davi, Assistant Project Manager
CHEMTECH Laboratories
284 Sheffield Street
Mountainside, NJ 07092

Loreana@Chemtech.net



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From: Loreana Davi [<mailto:Loreana@chemtech.net>]
Sent: Friday, April 29, 2016 1:04 PM
To: AZebrowski@LaBellaPC.com
Cc: snehal@chemtech.net
Subject: Damaged samples

Good afternoon,

This morning we received your samples for your Military Rd project sampled on 4/27/16. Unfortunately, a good number of these samples were damaged in transit. I have attached a table here for you with a description of the damage and their IDs. A majority of these samples had cracked lids only, so if you'd like us to proceed with analyzing those samples, we can. For sample ID MW-2, the lid, along with the rim of the amber, had cracks and chips, so this one was more exposed than the others. One of the duplicates was completely shattered and is unusable. We now only have one duplicate, so essentially we will need to decide whether you would like to test that sample for VOCs or for Pesticides.

Please advise which samples we can proceed with, if any, and which analysis to run for the remaining duplicate. If you need photos or any additional information please don't hesitate to contact me or my colleagues.

Loreana Davi, Assistant Project Manager
CHEMTECH Laboratories
284 Sheffield Street
Mountainside, NJ 07092

Loreana@Chemtech.net

T: (908) 728-3147
F: (908) 789-8922



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Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	EP-W-14-030
Connecticut	PH-0649
DOD ELAP (L-A-B)	L2219
Florida	E87935
Louisiana	05035
Maine	2012025
Maryland	296
Massachusetts	M-NJ503
New Hampshire	255413
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-13-00380
Texas	T104704488-13-5

ANALYTICAL RESULTS SUMMARY

VOLATILE ORGANICS

PROJECT NAME : 4185 MILITARY ROAD, NIAGARA, NY TO-15

LABELLA ASSOCIATES P.C.

300 State Street

Suite 201

Rochester, NY - 14614

Phone No: 585-295-6253

ORDER ID : H2721

ATTENTION : Adam Zebrowski



DoD ELAP

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NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORM S-1

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sampl ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
SS1	H2721-01	TO-15					
ID1	H2721-02	TO-15					
SS2	H2721-03	TO-15					
ID2	H2721-04	TO-15					
SS3	H2721-05	TO-15					
ID3	H2721-06	TO-15					
OD1	H2721-07	TO-15					

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM S-IIb

SAMPLE PREPARATION AND ANALYSIS SUMMARY VOLATILE (VOA) ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
H2721-01	Air	04/21/16	04/22/16		04/28/16
H2721-02	Air	04/21/16	04/22/16		04/28/16
H2721-03	Air	04/21/16	04/22/16		04/28/16
H2721-04	Air	04/21/16	04/22/16		04/28/16
H2721-05	Air	04/21/16	04/22/16		04/28/16
H2721-06	Air	04/21/16	04/22/16		04/27/16
H2721-07	Air	04/21/16	04/22/16		04/27/16

* Details For Test : TO-15

Cover Page

Order ID : H2721

Project ID : 4185 Military Road, Niagara, NY TO-15

Client : LaBella Associates P.C.

Lab Sample Number

H2721-01
H2721-02
H2721-03
H2721-04
H2721-05
H2721-06
H2721-07

Client Sample Number

SS1
ID1
SS2
ID2
SS3
ID3
OD1

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : —



APPROVED

By Mildred V Reyes, QAQC Supervisor at 3:18 pm, May 06, 2016

Date: 5/6/2016

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

LaBella Associates P.C.

Project Name: 4185 Military Road, Niagara, NY TO-15

Project # N/A

Chemtech Project # H2721

Test Name: TO-15

A. Number of Samples and Date of Receipt:

7 Air samples were received on 04/22/2016.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SUMMA Canister Rental and TO-15. This data package contains results for TO-15.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_L were done using GC column RTX-1, which is 60 meters, 0.32 mm id, 1.0 um df, Restek Cat. #10157. The Trap was supplied by Entech, glass bead and Tenax , Entech 7100A Preconcentrator. The analysis of TO-15 was based on method TO-15.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD for {H2721-07DUP} with File ID: VL027648.D recoveries met criteria except for Trichloroethene[200%] .

The Blank Spike met requirements for all samples.

The Blank Spike Duplicate met requirements for all samples.

The Blank analysis indicated presence of Acetone[0.15 ppbv]

FileID:VL027638.D{VL0427ABL01}, Methylene Chloride[0.12 ppbv]

FileID:VL027638.D{VL0427ABL01} due to possible lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

Samples SS1, SS2, SS3 and OD1 were diluted due to high concentrations.

E. Additional Comments:

The Manual Integrations are performed as following:

Sequence	VL041916	Instrument	MSVOA_I
----------	----------	------------	---------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICCC010	VL027551.D	Chlorobenzene-d5	sam	4/21/2016 7:10:52 PM	MMdadoda	4/22/2016 10:45:53 AM	Peak Integrated by Software incorrectly
VSTDICCC010	VL027551.D	m/p-Xylene	sam	4/21/2016 7:10:52 PM	MMdadoda	4/22/2016 10:45:53 AM	Peak Integrated by Software incorrectly
VSTDICC002	VL027552.D	1,4-Dioxane	sam	4/21/2016 7:10:57 PM	MMdadoda	4/22/2016 10:45:54 AM	Peak Integrated by Software incorrectly
VSTDICC002	VL027552.D	Ethanol	sam	4/21/2016 7:10:57 PM	MMdadoda	4/22/2016 10:45:54 AM	Peak Integrated by Software incorrectly
VSTDICC002	VL027552.D	m/p-Xylene	sam	4/21/2016 7:10:57 PM	MMdadoda	4/22/2016 10:45:54 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL027553.D	1,4-Dioxane	sam	4/21/2016 7:11:51 PM	MMdadoda	4/22/2016 10:45:55 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL027553.D	Ethanol	sam	4/21/2016 7:11:51 PM	MMdadoda	4/22/2016 10:45:55 AM	Peak Integrated by Software incorrectly
VSTDICC001	VL027553.D	m/p-Xylene	sam	4/21/2016 7:11:51 PM	MMdadoda	4/22/2016 10:45:55 AM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL027554.D	1,4-Dioxane	sam	4/21/2016 7:11:03 PM	MMdadoda	4/22/2016 10:45:56 AM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL027554.D	Ethanol	sam	4/21/2016 7:11:03 PM	MMdadoda	4/22/2016 10:45:56 AM	Peak Integrated by Software incorrectly
VSTDICC0.5	VL027554.D	n-propylbenzene	sam	4/21/2016 7:11:03 PM	MMdadoda	4/22/2016 10:45:56 AM	Peak Integrated by Software incorrectly
VSTDICC0.1	VL027555.D	Tetrachloroethene	sam	4/21/2016 7:12:30 PM	MMdadoda	4/22/2016 10:45:58 AM	Peak Integrated by Software incorrectly
VSTDICC0.03	VL027556.D	1,1,2,2-Tetrachloroethane	sam	4/21/2016 7:11:56 PM	MMdadoda	4/22/2016 10:45:58 AM	Peak Integrated by Software incorrectly

VSTDIC0.03	VL027556.D	Tetrachloroethene	sa m	4/21/2016 7:11:56 PM	MMdadoda	4/22/2016 10:45:58 AM	Peak Integrated by Software incorrectly
VSTDIC015	VL027557.D	Chlorobenzene-d5	sa m	4/21/2016 7:12:36 PM	MMdadoda	4/22/2016 10:45:59 AM	Peak Integrated by Software incorrectly
VSTDCCC010	VL027637.D	Chlorobenzene-d5	sa m	4/28/2016 4:10:03 PM	MMdadoda	4/28/2016 4:54:00 PM	Peak Integrated by Software incorrectly
VL0427ABLO1	VL027638.D	Acetone	sa m	4/28/2016 4:10:10 PM	MMdadoda	4/28/2016 4:54:01 PM	Peak Integrated by Software incorrectly
VL0427ABS01	VL027639.D	Chlorobenzene-d5	sa m	4/28/2016 4:10:16 PM	MMdadoda	4/28/2016 4:54:02 PM	Peak Integrated by Software incorrectly
H2721-07DUP	VL027648.D	n-propylbenzene	sa m	4/28/2016 4:10:24 PM	MMdadoda	4/28/2016 4:54:04 PM	Peak Integrated by Software incorrectly
H2721-06	VL027650.D	Propene	sa m	4/28/2016 4:10:28 PM	MMdadoda	4/28/2016 4:54:06 PM	Peak Integrated by Software incorrectly
H2721-06DL	VL027651.D	Ethanol	sa m	4/28/2016 4:10:34 PM	MMdadoda	4/28/2016 4:54:06 PM	Peak Integrated by Software incorrectly
H2721-04	VL027652.D	Propene	sa m	4/28/2016 4:11:19 PM	MMdadoda	4/28/2016 4:54:05 PM	Peak Integrated by Software incorrectly
H2721-02	VL027654.D	2-Butanone	sa m	4/28/2016 4:10:40 PM	MMdadoda	4/28/2016 4:54:09 PM	Peak Integrated by Software incorrectly
H2721-02	VL027654.D	Propene	sa m	4/28/2016 4:10:40 PM	MMdadoda	4/28/2016 4:54:09 PM	Peak Integrated by Software incorrectly
H2721-03	VL027659.D	Propene	sa m	4/28/2016 4:11:53 PM	MMdadoda	4/28/2016 4:54:08 PM	Peak Integrated by Software incorrectly
H2721-03DL	VL027660.D	Propene	sa m	4/28/2016 4:11:59 PM	MMdadoda	4/28/2016 4:54:07 PM	Peak Integrated by Software incorrectly
H2721-03DL	VL027661.D	Propene	sa m	4/28/2016 4:12:24 PM	MMdadoda	4/28/2016 4:54:18 PM	Peak Integrated by Software incorrectly
H2721-05	VL027663.D	1,2-Dichloropropane	sa m	4/28/2016 4:10:46 PM	MMdadoda	4/28/2016 4:54:11 PM	Peak Integrated by Software incorrectly
H2721-05DL	VL027664.D	Cyclohexane	sa m	4/28/2016 4:12:04 PM	MMdadoda	4/28/2016 4:54:12 PM	Peak Integrated by Software incorrectly

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature Mildred V Reyes

APPROVED

By Mildred V Reyes, QAQC Supervisor at 3:18 pm, May 06, 2016

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: H2721

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

1st Level QA Review Signature: NIMISHA PANDYA

Date: 05/06/2016

2nd Level QA Review Signature: _____

Mildred V Reyes

APPROVED

Date:
By Mildred V Reyes, QAQC Supervisor at 3:18 pm, May 06, 2016

LAB CHRONICLE

OrderID: H2721
Client: LaBella Associates P.C.
Contact: Adam Zebrowski

OrderDate: 4/25/2016 1:55:41 PM
Project: 4185 Military Road, Niagara, NY TO-15
Location: Air Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
H2721-01	SS1	Air	TO-15	TO-15	04/21/16		04/28/16	04/22/16
H2721-01DL	SS1DL	Air	TO-15	TO-15	04/21/16		04/28/16	04/22/16
H2721-02	ID1	Air	TO-15	TO-15	04/21/16		04/28/16	04/22/16
H2721-03	SS2	Air	TO-15	TO-15	04/21/16		04/28/16	04/22/16
H2721-03DL	SS2DL	Air	TO-15	TO-15	04/21/16		04/28/16	04/22/16
H2721-04	ID2	Air	TO-15	TO-15	04/21/16		04/28/16	04/22/16
H2721-05	SS3	Air	TO-15	TO-15	04/21/16		04/28/16	04/22/16
H2721-05DL	SS3DL	Air	TO-15	TO-15	04/21/16		04/28/16	04/22/16
H2721-06	ID3	Air	TO-15	TO-15	04/21/16		04/27/16	04/22/16
H2721-07	OD1	Air	TO-15	TO-15	04/21/16		04/27/16	04/22/16
H2721-07DL	OD1DL	Air	TO-15	TO-15	04/21/16		04/27/16	04/22/16

Hit Summary Sheet SW-846

SDG No.: H2721

Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	SS1								
H2721-01	SS1	Air	Dichlorodifluoromethane	1.29	J	0.2	0.49	2.47	ug/m3
H2721-01	SS1	Air	Chloromethane	0.56	J	0.04	0.21	1.03	ug/m3
H2721-01	SS1	Air	Trichlorofluoromethane	4.38		0.11	0.56	2.81	ug/m3
H2721-01	SS1	Air	Heptane	32.80		0.08	0.41	2.05	ug/m3
H2721-01	SS1	Air	Carbon Disulfide	2.37		0.06	0.31	1.56	ug/m3
H2721-01	SS1	Air	Cyclohexane	23.10		0.07	0.34	1.72	ug/m3
H2721-01	SS1	Air	2-Butanone	7.08		0.06	0.29	1.47	ug/m3
H2721-01	SS1	Air	Carbon Tetrachloride	0.31		0.13	0.19	0.19	ug/m3
H2721-01	SS1	Air	2,2,4-Trimethylpentane	38.80		0.09	0.47	2.34	ug/m3
H2721-01	SS1	Air	Benzene	24.30		0.06	0.32	1.6	ug/m3
H2721-01	SS1	Air	Trichloroethene	1.56		0.11	0.16	0.16	ug/m3
H2721-01	SS1	Air	1,2-Dichloropropane	2.26	J	0.42	0.46	2.31	ug/m3
H2721-01	SS1	Air	Toluene	194.00	E	0.04	0.38	1.88	ug/m3
H2721-01	SS1	Air	Tetrachloroethene	0.41		0.14	0.2	0.2	ug/m3
H2721-01	SS1	Air	Ethyl Benzene	15.60		0.09	0.43	2.17	ug/m3
H2721-01	SS1	Air	m/p-Xylene	50.80		0.13	0.87	4.34	ug/m3
H2721-01	SS1	Air	o-Xylene	18.70		0.09	0.43	2.17	ug/m3
H2721-01	SS1	Air	Styrene	3.07		0.04	0.43	2.13	ug/m3
H2721-01	SS1	Air	1,3,5-Trimethylbenzene	4.38		0.1	0.49	2.46	ug/m3
H2721-01	SS1	Air	1,2,4-Trimethylbenzene	14.80		0.1	0.49	2.46	ug/m3
H2721-01	SS1	Air	Naphthalene	0.84	J	0.21	0.52	2.62	ug/m3
H2721-01	SS1	Air	4-Ethyltoluene	5.41		0.1	0.49	2.46	ug/m3
H2721-01	SS1	Air	Hexane	152.00	E	0.07	0.35	1.76	ug/m3
H2721-01	SS1	Air	Methyl Methacrylate	5.73		0.08	0.41	2.05	ug/m3
Total Voc :				604.55					
Total Concentration:				604.55					
Client ID:	SS1DL								
H2721-01DL	SS1DL	Air	Heptane	23.80	D	0.98	4.1	20.5	ug/m3
H2721-01DL	SS1DL	Air	Cyclohexane	17.90	D	0.83	3.44	17.2	ug/m3
H2721-01DL	SS1DL	Air	2-Butanone	5.60	JD	0.65	2.95	14.8	ug/m3
H2721-01DL	SS1DL	Air	2,2,4-Trimethylpentane	34.10	D	1.03	4.67	23.4	ug/m3
H2721-01DL	SS1DL	Air	Benzene	21.10	D	0.54	3.19	16.0	ug/m3
H2721-01DL	SS1DL	Air	Toluene	266.00	D	0.45	3.77	18.8	ug/m3
H2721-01DL	SS1DL	Air	Ethyl Benzene	12.20	JD	0.74	4.34	21.7	ug/m3
H2721-01DL	SS1DL	Air	m/p-Xylene	40.80	JD	1.35	8.69	43.4	ug/m3
H2721-01DL	SS1DL	Air	o-Xylene	13.50	JD	0.74	4.34	21.7	ug/m3
H2721-01DL	SS1DL	Air	1,2,4-Trimethylbenzene	10.30	JD	1.23	4.92	24.6	ug/m3

Hit Summary Sheet SW-846

SDG No.: H2721
Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
H2721-01DL	SS1DL	Air	Hexane	148.00	D	0.53	3.52	17.6	ug/m3
			Total Voc :	593.3					
			Total Concentration:	593.3					
Client ID:	ID1								
H2721-02	ID1	Air	Dichlorodifluoromethane	1.88	J	0.2	0.49	2.47	ug/m3
H2721-02	ID1	Air	Chloromethane	0.83	J	0.04	0.21	1.03	ug/m3
H2721-02	ID1	Air	Trichlorofluoromethane	21.90		0.11	0.56	2.81	ug/m3
H2721-02	ID1	Air	Heptane	1.27	J	0.08	0.41	2.05	ug/m3
H2721-02	ID1	Air	Cyclohexane	2.58		0.07	0.34	1.72	ug/m3
H2721-02	ID1	Air	2-Butanone	0.53	J	0.06	0.29	1.47	ug/m3
H2721-02	ID1	Air	Carbon Tetrachloride	0.44		0.13	0.19	0.19	ug/m3
H2721-02	ID1	Air	2,2,4-Trimethylpentane	3.13		0.09	0.47	2.34	ug/m3
H2721-02	ID1	Air	Benzene	5.43		0.06	0.32	1.6	ug/m3
H2721-02	ID1	Air	Trichloroethene	0.27		0.11	0.16	0.16	ug/m3
H2721-02	ID1	Air	Toluene	15.40		0.04	0.38	1.88	ug/m3
H2721-02	ID1	Air	Hexane	28.20		0.07	0.35	1.76	ug/m3
			Total Voc :	81.86					
			Total Concentration:	81.86					
Client ID:	SS2								
H2721-03	SS2	Air	Dichlorodifluoromethane	1.93	J	0.2	0.49	2.47	ug/m3
H2721-03	SS2	Air	Trichlorofluoromethane	4.16		0.11	0.56	2.81	ug/m3
H2721-03	SS2	Air	Heptane	30.70		0.08	0.41	2.05	ug/m3
H2721-03	SS2	Air	Carbon Disulfide	5.92		0.06	0.31	1.56	ug/m3
H2721-03	SS2	Air	Cyclohexane	13.80		0.07	0.34	1.72	ug/m3
H2721-03	SS2	Air	2-Butanone	2.57		0.06	0.29	1.47	ug/m3
H2721-03	SS2	Air	Carbon Tetrachloride	0.63		0.13	0.19	0.19	ug/m3
H2721-03	SS2	Air	1,1,1-Trichloroethane	0.44		0.05	0.16	0.16	ug/m3
H2721-03	SS2	Air	2,2,4-Trimethylpentane	4.48		0.09	0.47	2.34	ug/m3
H2721-03	SS2	Air	Benzene	15.60		0.06	0.32	1.6	ug/m3
H2721-03	SS2	Air	Toluene	48.20		0.04	0.38	1.88	ug/m3
H2721-03	SS2	Air	Tetrachloroethene	1.29		0.14	0.2	0.2	ug/m3
H2721-03	SS2	Air	Ethyl Benzene	6.95		0.09	0.43	2.17	ug/m3
H2721-03	SS2	Air	m/p-Xylene	29.10		0.13	0.87	4.34	ug/m3
H2721-03	SS2	Air	o-Xylene	6.95		0.09	0.43	2.17	ug/m3
H2721-03	SS2	Air	1,3,5-Trimethylbenzene	1.67	J	0.1	0.49	2.46	ug/m3
H2721-03	SS2	Air	1,2,4-Trimethylbenzene	4.92		0.1	0.49	2.46	ug/m3
H2721-03	SS2	Air	4-Ethyltoluene	2.85		0.1	0.49	2.46	ug/m3
H2721-03	SS2	Air	Hexane	68.00	E	0.07	0.35	1.76	ug/m3

Hit Summary Sheet SW-846

SDG No.: H2721
Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Total Voc :				250.16					
Total Concentration:				250.16					
Client ID:	SS2DL								
H2721-03DL	SS2DL	Air	Heptane	23.00	D	0.98	4.1	20.5	ug/m3
H2721-03DL	SS2DL	Air	Carbon Disulfide	4.67	JD	0.75	3.11	15.6	ug/m3
H2721-03DL	SS2DL	Air	Cyclohexane	10.70	JD	0.83	3.44	17.2	ug/m3
H2721-03DL	SS2DL	Air	Benzene	13.10	JD	0.54	3.19	16.0	ug/m3
H2721-03DL	SS2DL	Air	Toluene	40.00	D	0.45	3.77	18.8	ug/m3
H2721-03DL	SS2DL	Air	m/p-Xylene	20.40	JD	1.35	8.69	43.4	ug/m3
H2721-03DL	SS2DL	Air	Hexane	61.00	D	0.53	3.52	17.6	ug/m3
Total Voc :				172.87					
Total Concentration:				172.87					
Client ID:	ID2								
H2721-04	ID2	Air	Dichlorodifluoromethane	1.88	J	0.2	0.49	2.47	ug/m3
H2721-04	ID2	Air	Chloromethane	0.72	J	0.04	0.21	1.03	ug/m3
H2721-04	ID2	Air	Trichlorofluoromethane	19.10		0.11	0.56	2.81	ug/m3
H2721-04	ID2	Air	Heptane	0.41	J	0.08	0.41	2.05	ug/m3
H2721-04	ID2	Air	Cyclohexane	1.86		0.07	0.34	1.72	ug/m3
H2721-04	ID2	Air	2-Butanone	0.35	J	0.06	0.29	1.47	ug/m3
H2721-04	ID2	Air	Carbon Tetrachloride	0.44		0.13	0.19	0.19	ug/m3
H2721-04	ID2	Air	2,2,4-Trimethylpentane	0.98	J	0.09	0.47	2.34	ug/m3
H2721-04	ID2	Air	Benzene	3.19		0.06	0.32	1.6	ug/m3
H2721-04	ID2	Air	Toluene	7.16		0.04	0.38	1.88	ug/m3
H2721-04	ID2	Air	Hexane	13.70		0.07	0.35	1.76	ug/m3
Total Voc :				49.79					
Total Concentration:				49.79					
Client ID:	SS3								
H2721-05	SS3	Air	Dichlorodifluoromethane	1.58	J	0.2	0.49	2.47	ug/m3
H2721-05	SS3	Air	Chloromethane	0.35	J	0.04	0.21	1.03	ug/m3
H2721-05	SS3	Air	Trichlorofluoromethane	8.43		0.11	0.56	2.81	ug/m3
H2721-05	SS3	Air	1,1,2-Trichlorotrifluoroethane	0.54	J	0.15	0.77	3.83	ug/m3
H2721-05	SS3	Air	Heptane	11.50		0.08	0.41	2.05	ug/m3
H2721-05	SS3	Air	Carbon Disulfide	3.11		0.06	0.31	1.56	ug/m3
H2721-05	SS3	Air	Methylene Chloride	3.02	B	0.07	0.35	1.74	ug/m3
H2721-05	SS3	Air	Cyclohexane	8.95		0.07	0.34	1.72	ug/m3
H2721-05	SS3	Air	2-Butanone	1.65		0.06	0.29	1.47	ug/m3
H2721-05	SS3	Air	Carbon Tetrachloride	0.38		0.13	0.19	0.19	ug/m3
H2721-05	SS3	Air	2,2,4-Trimethylpentane	11.20		0.09	0.47	2.34	ug/m3
H2721-05	SS3	Air	Benzene	16.60		0.06	0.32	1.6	ug/m3

Hit Summary Sheet SW-846

SDG No.: H2721
Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
H2721-05	SS3	Air	Trichloroethene	0.32		0.11	0.16	0.16	ug/m3
H2721-05	SS3	Air	1,2-Dichloropropane	0.51	J	0.42	0.46	2.31	ug/m3
H2721-05	SS3	Air	Toluene	80.60	E	0.04	0.38	1.88	ug/m3
H2721-05	SS3	Air	Tetrachloroethene	0.27		0.14	0.2	0.2	ug/m3
H2721-05	SS3	Air	Ethyl Benzene	5.65		0.09	0.43	2.17	ug/m3
H2721-05	SS3	Air	m/p-Xylene	22.20		0.13	0.87	4.34	ug/m3
H2721-05	SS3	Air	o-Xylene	5.21		0.09	0.43	2.17	ug/m3
H2721-05	SS3	Air	Styrene	0.30	J	0.04	0.43	2.13	ug/m3
H2721-05	SS3	Air	1,3,5-Trimethylbenzene	1.03	J	0.1	0.49	2.46	ug/m3
H2721-05	SS3	Air	1,2,4-Trimethylbenzene	3.74		0.1	0.49	2.46	ug/m3
H2721-05	SS3	Air	4-Ethyltoluene	2.16	J	0.1	0.49	2.46	ug/m3
H2721-05	SS3	Air	Hexane	102.00	E	0.07	0.35	1.76	ug/m3
			Total Voc :	291.3					
			Total Concentration:	291.3					
Client ID:	SS3DL								
H2721-05DL	SS3DL	Air	Trichlorofluoromethane	8.43	JD	1.35	5.62	28.1	ug/m3
H2721-05DL	SS3DL	Air	Heptane	7.38	JD	0.98	4.1	20.5	ug/m3
H2721-05DL	SS3DL	Air	Cyclohexane	7.23	JD	0.83	3.44	17.2	ug/m3
H2721-05DL	SS3DL	Air	2,2,4-Trimethylpentane	8.87	JD	1.03	4.67	23.4	ug/m3
H2721-05DL	SS3DL	Air	Benzene	16.00	D	0.54	3.19	16.0	ug/m3
H2721-05DL	SS3DL	Air	Toluene	79.90	D	0.45	3.77	18.8	ug/m3
H2721-05DL	SS3DL	Air	m/p-Xylene	13.90	JD	1.35	8.69	43.4	ug/m3
H2721-05DL	SS3DL	Air	Hexane	100.00	D	0.53	3.52	17.6	ug/m3
			Total Voc :	241.71					
			Total Concentration:	241.71					
Client ID:	ID3								
H2721-06	ID3	Air	Dichlorodifluoromethane	1.83	J	0.2	0.49	2.47	ug/m3
H2721-06	ID3	Air	Chloromethane	0.99	J	0.04	0.21	1.03	ug/m3
H2721-06	ID3	Air	Trichlorofluoromethane	25.30		0.11	0.56	2.81	ug/m3
H2721-06	ID3	Air	Heptane	0.57	J	0.08	0.41	2.05	ug/m3
H2721-06	ID3	Air	Cyclohexane	2.07		0.07	0.34	1.72	ug/m3
H2721-06	ID3	Air	2-Butanone	0.74	J	0.06	0.29	1.47	ug/m3
H2721-06	ID3	Air	Carbon Tetrachloride	0.44		0.13	0.19	0.19	ug/m3
H2721-06	ID3	Air	2,2,4-Trimethylpentane	1.17	J	0.09	0.47	2.34	ug/m3
H2721-06	ID3	Air	Benzene	3.51		0.06	0.32	1.6	ug/m3
H2721-06	ID3	Air	Toluene	8.29		0.04	0.38	1.88	ug/m3
H2721-06	ID3	Air	Hexane	16.60		0.07	0.35	1.76	ug/m3
			Total Voc :	61.51					

Hit Summary Sheet SW-846

SDG No.: H2721
Client: LaBella Associates P.C.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Total Concentration:				61.51					
Client ID:	OD1								
H2721-07	OD1	Air	Dichlorodifluoromethane	1.58	J	0.2	0.49	2.47	ug/m3
H2721-07	OD1	Air	Chloromethane	1.14		0.04	0.21	1.03	ug/m3
H2721-07	OD1	Air	Trichlorofluoromethane	1.46	J	0.11	0.56	2.81	ug/m3
H2721-07	OD1	Air	Heptane	17.20		0.08	0.41	2.05	ug/m3
H2721-07	OD1	Air	Cyclohexane	10.70		0.07	0.34	1.72	ug/m3
H2721-07	OD1	Air	2-Butanone	2.89		0.06	0.29	1.47	ug/m3
H2721-07	OD1	Air	Carbon Tetrachloride	0.44		0.13	0.19	0.19	ug/m3
H2721-07	OD1	Air	2,2,4-Trimethylpentane	27.10		0.09	0.47	2.34	ug/m3
H2721-07	OD1	Air	Benzene	19.50		0.06	0.32	1.6	ug/m3
H2721-07	OD1	Air	Trichloroethene	0.32		0.11	0.16	0.16	ug/m3
H2721-07	OD1	Air	1,2-Dichloropropane	0.55	J	0.42	0.46	2.31	ug/m3
H2721-07	OD1	Air	Toluene	105.00	E	0.04	0.38	1.88	ug/m3
H2721-07	OD1	Air	Ethyl Benzene	6.08		0.09	0.43	2.17	ug/m3
H2721-07	OD1	Air	m/p-Xylene	19.60		0.13	0.87	4.34	ug/m3
H2721-07	OD1	Air	o-Xylene	6.52		0.09	0.43	2.17	ug/m3
H2721-07	OD1	Air	Styrene	0.47	J	0.04	0.43	2.13	ug/m3
H2721-07	OD1	Air	1,3,5-Trimethylbenzene	1.08	J	0.1	0.49	2.46	ug/m3
H2721-07	OD1	Air	1,2,4-Trimethylbenzene	3.69		0.1	0.49	2.46	ug/m3
H2721-07	OD1	Air	4-Ethyltoluene	1.28	J	0.1	0.49	2.46	ug/m3
H2721-07	OD1	Air	Hexane	117.00	E	0.07	0.35	1.76	ug/m3
Total Voc :				343.6					
Total Concentration:				343.6					
Client ID:	OD1DL								
H2721-07DL	OD1DL	Air	Heptane	10.20	JD	0.98	4.1	20.5	ug/m3
H2721-07DL	OD1DL	Air	Cyclohexane	7.92	JD	0.83	3.44	17.2	ug/m3
H2721-07DL	OD1DL	Air	2,2,4-Trimethylpentane	20.60	JD	1.03	4.67	23.4	ug/m3
H2721-07DL	OD1DL	Air	Benzene	15.30	JD	0.54	3.19	16.0	ug/m3
H2721-07DL	OD1DL	Air	Toluene	92.70	D	0.45	3.77	18.8	ug/m3
H2721-07DL	OD1DL	Air	m/p-Xylene	9.56	JD	1.35	8.69	43.4	ug/m3
H2721-07DL	OD1DL	Air	Hexane	101.00	D	0.53	3.52	17.6	ug/m3
Total Voc :				257.28					
Total Concentration:				257.28					

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : SS1

Analysis Date : 04/28/16

Laboratory Id Number : H2721-01

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.26	J	1.29		
Chloromethane	74-87-3	50.49	0.27	J	0.56		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.5	U	1.94		
Chloroethane	75-00-3	64.52	0.5	U	1.32		
Tetrahydrofuran	109-99-9	72.11	0.5	U	1.47		
Trichlorofluoromethane	75-69-4	137.4	0.78		4.38		
Dichlorotetrafluoroethane	76-14-2	170.9	0.5	U	3.49		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.5	U	3.83		
Bromoethene	593-60-2	106.9	0.5	U	2.19		
tert-Butyl alcohol	75-65-0	74.12	0.5	U	1.52		
Heptane	142-82-5	100.2	8		32.8		
1,1-Dichloroethene	75-35-4	96.94	0.5	U	1.98		
Acetone	67-64-1	58.08	0.5	U	1.19		
Carbon Disulfide	75-15-0	76.14	0.76		2.37		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.5	U	1.8		
Methylene Chloride	75-09-2	84.94	0.5	U	1.74		
trans-1,2-Dichloroethene	156-60-5	96.94	0.5	U	1.98		
1,1-Dichloroethane	75-34-3	98.96	0.5	U	2.02		
Cyclohexane	110-82-7	84.16	6.7		23.1		
2-Butanone	78-93-3	72.11	2.4		7.08		
Carbon Tetrachloride	56-23-5	153.8	0.05		0.31		
cis-1,2-Dichloroethene	156-59-2	96.94	0.5	U	1.98		
Chloroform	67-66-3	119.4	0.5	U	2.44		
1,1,1-Trichloroethane	71-55-6	133.4	0.03	U	0.16		
2,2,4-Trimethylpentane	540-84-1	114.2	8.3		38.8		
Benzene	71-43-2	78.11	7.6		24.3		
1,2-Dichloroethane	107-06-2	98.96	0.5	U	2.02		
Trichloroethene	79-01-6	131.4	0.29		1.56		
1,2-Dichloropropane	78-87-5	113	0.49	J	2.26		
Bromodichloromethane	75-27-4	163.8	0.5	U	3.35		
4-Methyl-2-Pentanone	108-10-1	100.2	0.5	U	2.05		
Toluene	108-88-3	92.14	51.5	E	194		
t-1,3-Dichloropropene	10061-02-6	111	0.5	U	2.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.5	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.5	U	2.73		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : SS1

Analysis Date : 04/28/16

Laboratory Id Number : H2721-01

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.5	U	4.26		
1,2-Dibromoethane	106-93-4	187.9	0.5	U	3.84		
Tetrachloroethene	127-18-4	165.8	0.06		0.41		
Chlorobenzene	108-90-7	112.6	0.5	U	2.3		
Ethyl Benzene	100-41-4	106.2	3.6		15.6		
m/p-Xylene	179601-23-1	106.2	11.7		50.8		
o-Xylene	95-47-6	106.2	4.3		18.7		
Styrene	100-42-5	104.1	0.72		3.07		
Bromoform	75-25-2	252.8	0.5	U	5.17		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.5	U	3.43		
2-Chlorotoluene	95-49-8	126.6	0.5	U	2.59		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.89		4.38		
1,2,4-Trimethylbenzene	95-63-6	120.2	3		14.8		
1,3-Dichlorobenzene	541-73-1	147	0.5	U	3.01		
1,4-Dichlorobenzene	106-46-7	147	0.5	U	3.01		
1,2-Dichlorobenzene	95-50-1	147	0.5	U	3.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.5	U	3.71		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.5	U	5.33		
Naphthalene	91-20-3	128.17	0.16	J	0.84		
1,3-Butadiene	106-99-0	54.09	0.5	U	1.11		
4-Ethyltoluene	622-96-8	120.2	1.1		5.41		
Hexane	110-54-3	86.17	43.3	E	152		
Allyl Chloride	107-05-1	76.53	0.5	U	1.57		
1,4-Dioxane	123-91-1	88.12	0.5	U	1.8		
Methyl Methacrylate	80-62-6	100.117	1.4		5.73		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : SS1DL

Analysis Date : 04/28/16

Laboratory Id Number : H2721-01DL

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	5	UD	24.7		
Chloromethane	74-87-3	50.49	5	UD	10.3		
Vinyl Chloride	75-01-4	62.5	0.3	UD	0.77		
Bromomethane	74-83-9	94.94	5	UD	19.4		
Chloroethane	75-00-3	64.52	5	UD	13.2		
Tetrahydrofuran	109-99-9	72.11	5	UD	14.8		
Trichlorofluoromethane	75-69-4	137.4	5	UD	28.1		
Dichlorotetrafluoroethane	76-14-2	170.9	5	UD	35.0		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	5	UD	38.3		
Bromoethene	593-60-2	106.9	5	UD	21.9		
tert-Butyl alcohol	75-65-0	74.12	5	UD	15.2		
Heptane	142-82-5	100.2	5.8	D	23.8		
1,1-Dichloroethene	75-35-4	96.94	5	UD	19.8		
Acetone	67-64-1	58.08	5	UD	11.9		
Carbon Disulfide	75-15-0	76.14	5	UD	15.6		
Methyl tert-Butyl Ether	1634-04-4	88.15	5	UD	18.0		
Methylene Chloride	75-09-2	84.94	5	UD	17.4		
trans-1,2-Dichloroethene	156-60-5	96.94	5	UD	19.8		
1,1-Dichloroethane	75-34-3	98.96	5	UD	20.2		
Cyclohexane	110-82-7	84.16	5.2	D	17.9		
2-Butanone	78-93-3	72.11	1.9	JD	5.6		
Carbon Tetrachloride	56-23-5	153.8	0.3	UD	1.89		
cis-1,2-Dichloroethene	156-59-2	96.94	5	UD	19.8		
Chloroform	67-66-3	119.4	5	UD	24.4		
1,1,1-Trichloroethane	71-55-6	133.4	0.3	UD	1.64		
2,2,4-Trimethylpentane	540-84-1	114.2	7.3	D	34.1		
Benzene	71-43-2	78.11	6.6	D	21.1		
1,2-Dichloroethane	107-06-2	98.96	5	UD	20.2		
Trichloroethene	79-01-6	131.4	0.3	UD	1.61		
1,2-Dichloropropane	78-87-5	113	5	UD	23.1		
Bromodichloromethane	75-27-4	163.8	5	UD	33.5		
4-Methyl-2-Pentanone	108-10-1	100.2	5	UD	20.5		
Toluene	108-88-3	92.14	70.7	D	266		
t-1,3-Dichloropropene	10061-02-6	111	5	UD	22.7		
cis-1,3-Dichloropropene	10061-01-5	111	5	UD	22.7		
1,1,2-Trichloroethane	79-00-5	133.4	5	UD	27.3		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : SS1DL

Analysis Date : 04/28/16

Laboratory Id Number : H2721-01DL

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	5	UD	42.6		
1,2-Dibromoethane	106-93-4	187.9	5	UD	38.4		
Tetrachloroethene	127-18-4	165.8	0.3	UD	2.03		
Chlorobenzene	108-90-7	112.6	5	UD	23.0		
Ethyl Benzene	100-41-4	106.2	2.8	JD	12.2		
m/p-Xylene	179601-23-1	106.2	9.4	JD	40.8		
o-Xylene	95-47-6	106.2	3.1	JD	13.5		
Styrene	100-42-5	104.1	5	UD	21.3		
Bromoform	75-25-2	252.8	5	UD	51.7		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	5	UD	34.3		
2-Chlorotoluene	95-49-8	126.6	5	UD	25.9		
1,3,5-Trimethylbenzene	108-67-8	120.2	5	UD	24.6		
1,2,4-Trimethylbenzene	95-63-6	120.2	2.1	JD	10.3		
1,3-Dichlorobenzene	541-73-1	147	5	UD	30.1		
1,4-Dichlorobenzene	106-46-7	147	5	UD	30.1		
1,2-Dichlorobenzene	95-50-1	147	5	UD	30.1		
1,2,4-Trichlorobenzene	120-82-1	181.5	5	UD	37.1		
Hexachloro-1,3-Butadiene	87-68-3	260.8	5	UD	53.3		
1,3-Butadiene	106-99-0	54.09	5	UD	11.1		
Naphthalene	91-20-3	128.17	5	UD	26.2		
4-Ethyltoluene	622-96-8	120.2	5	UD	24.6		
Hexane	110-54-3	86.17	42.1	D	148		
Allyl Chloride	107-05-1	76.53	5	UD	15.6		
1,4-Dioxane	123-91-1	88.12	5	UD	18.0		
Methyl Methacrylate	80-62-6	100.117	5	UD	20.5		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : ID1

Analysis Date : 04/28/16

Laboratory Id Number : H2721-02

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.38	J	1.88		
Chloromethane	74-87-3	50.49	0.4	J	0.83		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.5	U	1.94		
Chloroethane	75-00-3	64.52	0.5	U	1.32		
Tetrahydrofuran	109-99-9	72.11	0.5	U	1.47		
Trichlorofluoromethane	75-69-4	137.4	3.9		21.9		
Dichlorotetrafluoroethane	76-14-2	170.9	0.5	U	3.49		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.5	U	3.83		
Bromoethene	593-60-2	106.9	0.5	U	2.19		
tert-Butyl alcohol	75-65-0	74.12	0.5	U	1.52		
Heptane	142-82-5	100.2	0.31	J	1.27		
1,1-Dichloroethene	75-35-4	96.94	0.5	U	1.98		
Acetone	67-64-1	58.08	0.5	U	1.19		
Carbon Disulfide	75-15-0	76.14	0.5	U	1.56		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.5	U	1.8		
Methylene Chloride	75-09-2	84.94	0.5	U	1.74		
trans-1,2-Dichloroethene	156-60-5	96.94	0.5	U	1.98		
1,1-Dichloroethane	75-34-3	98.96	0.5	U	2.02		
Cyclohexane	110-82-7	84.16	0.75		2.58		
2-Butanone	78-93-3	72.11	0.18	J	0.53		
Carbon Tetrachloride	56-23-5	153.8	0.07		0.44		
cis-1,2-Dichloroethene	156-59-2	96.94	0.5	U	1.98		
Chloroform	67-66-3	119.4	0.5	U	2.44		
1,1,1-Trichloroethane	71-55-6	133.4	0.03	U	0.16		
2,2,4-Trimethylpentane	540-84-1	114.2	0.67		3.13		
Benzene	71-43-2	78.11	1.7		5.43		
1,2-Dichloroethane	107-06-2	98.96	0.5	U	2.02		
Trichloroethene	79-01-6	131.4	0.05		0.27		
1,2-Dichloropropane	78-87-5	113	0.5	U	2.31		
Bromodichloromethane	75-27-4	163.8	0.5	U	3.35		
4-Methyl-2-Pentanone	108-10-1	100.2	0.5	U	2.05		
Toluene	108-88-3	92.14	4.1		15.4		
t-1,3-Dichloropropene	10061-02-6	111	0.5	U	2.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.5	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.5	U	2.73		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : ID1

Analysis Date : 04/28/16

Laboratory Id Number : H2721-02

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.5	U	4.26		
1,2-Dibromoethane	106-93-4	187.9	0.5	U	3.84		
Tetrachloroethene	127-18-4	165.8	0.03	U	0.2		
Chlorobenzene	108-90-7	112.6	0.5	U	2.3		
Ethyl Benzene	100-41-4	106.2	0.5	U	2.17		
m/p-Xylene	179601-23-1	106.2	1	U	4.34		
o-Xylene	95-47-6	106.2	0.5	U	2.17		
Styrene	100-42-5	104.1	0.5	U	2.13		
Bromoform	75-25-2	252.8	0.5	U	5.17		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.5	U	3.43		
2-Chlorotoluene	95-49-8	126.6	0.5	U	2.59		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.5	U	2.46		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.5	U	2.46		
1,3-Dichlorobenzene	541-73-1	147	0.5	U	3.01		
1,4-Dichlorobenzene	106-46-7	147	0.5	U	3.01		
1,2-Dichlorobenzene	95-50-1	147	0.5	U	3.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.5	U	3.71		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.5	U	5.33		
Naphthalene	91-20-3	128.17	0.5	U	2.62		
1,3-Butadiene	106-99-0	54.09	0.5	U	1.11		
4-Ethyltoluene	622-96-8	120.2	0.5	U	2.46		
Hexane	110-54-3	86.17	8		28.2		
Allyl Chloride	107-05-1	76.53	0.5	U	1.57		
1,4-Dioxane	123-91-1	88.12	0.5	U	1.8		
Methyl Methacrylate	80-62-6	100.117	0.5	U	2.05		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : SS2

Analysis Date : 04/28/16

Laboratory Id Number : H2721-03

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.39	J	1.93		
Chloromethane	74-87-3	50.49	0.5	U	1.03		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.5	U	1.94		
Chloroethane	75-00-3	64.52	0.5	U	1.32		
Tetrahydrofuran	109-99-9	72.11	0.5	U	1.47		
Trichlorofluoromethane	75-69-4	137.4	0.74		4.16		
Dichlorotetrafluoroethane	76-14-2	170.9	0.5	U	3.49		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.5	U	3.83		
Bromoethene	593-60-2	106.9	0.5	U	2.19		
tert-Butyl alcohol	75-65-0	74.12	0.5	U	1.52		
Heptane	142-82-5	100.2	7.5		30.7		
1,1-Dichloroethene	75-35-4	96.94	0.5	U	1.98		
Acetone	67-64-1	58.08	0.5	U	1.19		
Carbon Disulfide	75-15-0	76.14	1.9		5.92		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.5	U	1.8		
Methylene Chloride	75-09-2	84.94	0.5	U	1.74		
trans-1,2-Dichloroethene	156-60-5	96.94	0.5	U	1.98		
1,1-Dichloroethane	75-34-3	98.96	0.5	U	2.02		
Cyclohexane	110-82-7	84.16	4		13.8		
2-Butanone	78-93-3	72.11	0.87		2.57		
Carbon Tetrachloride	56-23-5	153.8	0.1		0.63		
cis-1,2-Dichloroethene	156-59-2	96.94	0.5	U	1.98		
Chloroform	67-66-3	119.4	0.5	U	2.44		
1,1,1-Trichloroethane	71-55-6	133.4	0.08		0.44		
2,2,4-Trimethylpentane	540-84-1	114.2	0.96		4.48		
Benzene	71-43-2	78.11	4.9		15.6		
1,2-Dichloroethane	107-06-2	98.96	0.5	U	2.02		
Trichloroethene	79-01-6	131.4	0.03	U	0.16		
1,2-Dichloropropane	78-87-5	113	0.5	U	2.31		
Bromodichloromethane	75-27-4	163.8	0.5	U	3.35		
4-Methyl-2-Pentanone	108-10-1	100.2	0.5	U	2.05		
Toluene	108-88-3	92.14	12.8		48.2		
t-1,3-Dichloropropene	10061-02-6	111	0.5	U	2.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.5	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.5	U	2.73		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : SS2

Analysis Date : 04/28/16

Laboratory Id Number : H2721-03

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.5	U	4.26		
1,2-Dibromoethane	106-93-4	187.9	0.5	U	3.84		
Tetrachloroethene	127-18-4	165.8	0.19		1.29		
Chlorobenzene	108-90-7	112.6	0.5	U	2.3		
Ethyl Benzene	100-41-4	106.2	1.6		6.95		
m/p-Xylene	179601-23-1	106.2	6.7		29.1		
o-Xylene	95-47-6	106.2	1.6		6.95		
Styrene	100-42-5	104.1	0.5	U	2.13		
Bromoform	75-25-2	252.8	0.5	U	5.17		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.5	U	3.43		
2-Chlorotoluene	95-49-8	126.6	0.5	U	2.59		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.34	J	1.67		
1,2,4-Trimethylbenzene	95-63-6	120.2	1		4.92		
1,3-Dichlorobenzene	541-73-1	147	0.5	U	3.01		
1,4-Dichlorobenzene	106-46-7	147	0.5	U	3.01		
1,2-Dichlorobenzene	95-50-1	147	0.5	U	3.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.5	U	3.71		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.5	U	5.33		
Naphthalene	91-20-3	128.17	0.5	U	2.62		
1,3-Butadiene	106-99-0	54.09	0.5	U	1.11		
4-Ethyltoluene	622-96-8	120.2	0.58		2.85		
Hexane	110-54-3	86.17	19.3	E	68.0		
Allyl Chloride	107-05-1	76.53	0.5	U	1.57		
1,4-Dioxane	123-91-1	88.12	0.5	U	1.8		
Methyl Methacrylate	80-62-6	100.117	0.5	U	2.05		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : SS2DL

Analysis Date : 04/28/16

Laboratory Id Number : H2721-03DL

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	5	UD	24.7		
Chloromethane	74-87-3	50.49	5	UD	10.3		
Vinyl Chloride	75-01-4	62.5	0.3	UD	0.77		
Bromomethane	74-83-9	94.94	5	UD	19.4		
Chloroethane	75-00-3	64.52	5	UD	13.2		
Tetrahydrofuran	109-99-9	72.11	5	UD	14.8		
Trichlorofluoromethane	75-69-4	137.4	5	UD	28.1		
Dichlorotetrafluoroethane	76-14-2	170.9	5	UD	35.0		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	5	UD	38.3		
Bromoethene	593-60-2	106.9	5	UD	21.9		
tert-Butyl alcohol	75-65-0	74.12	5	UD	15.2		
Heptane	142-82-5	100.2	5.6	D	23.0		
1,1-Dichloroethene	75-35-4	96.94	5	UD	19.8		
Acetone	67-64-1	58.08	5	UD	11.9		
Carbon Disulfide	75-15-0	76.14	1.5	JD	4.67		
Methyl tert-Butyl Ether	1634-04-4	88.15	5	UD	18.0		
Methylene Chloride	75-09-2	84.94	5	UD	17.4		
trans-1,2-Dichloroethene	156-60-5	96.94	5	UD	19.8		
1,1-Dichloroethane	75-34-3	98.96	5	UD	20.2		
Cyclohexane	110-82-7	84.16	3.1	JD	10.7		
2-Butanone	78-93-3	72.11	5	UD	14.8		
Carbon Tetrachloride	56-23-5	153.8	0.3	UD	1.89		
cis-1,2-Dichloroethene	156-59-2	96.94	5	UD	19.8		
Chloroform	67-66-3	119.4	5	UD	24.4		
1,1,1-Trichloroethane	71-55-6	133.4	0.3	UD	1.64		
2,2,4-Trimethylpentane	540-84-1	114.2	5	UD	23.4		
Benzene	71-43-2	78.11	4.1	JD	13.1		
1,2-Dichloroethane	107-06-2	98.96	5	UD	20.2		
Trichloroethene	79-01-6	131.4	0.3	UD	1.61		
1,2-Dichloropropane	78-87-5	113	5	UD	23.1		
Bromodichloromethane	75-27-4	163.8	5	UD	33.5		
4-Methyl-2-Pentanone	108-10-1	100.2	5	UD	20.5		
Toluene	108-88-3	92.14	10.6	D	40.0		
t-1,3-Dichloropropene	10061-02-6	111	5	UD	22.7		
cis-1,3-Dichloropropene	10061-01-5	111	5	UD	22.7		
1,1,2-Trichloroethane	79-00-5	133.4	5	UD	27.3		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : SS2DL

Analysis Date : 04/28/16

Laboratory Id Number : H2721-03DL

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	5	UD	42.6		
1,2-Dibromoethane	106-93-4	187.9	5	UD	38.4		
Tetrachloroethene	127-18-4	165.8	0.3	UD	2.03		
Chlorobenzene	108-90-7	112.6	5	UD	23.0		
Ethyl Benzene	100-41-4	106.2	5	UD	21.7		
m/p-Xylene	179601-23-1	106.2	4.7	JD	20.4		
o-Xylene	95-47-6	106.2	5	UD	21.7		
Styrene	100-42-5	104.1	5	UD	21.3		
Bromoform	75-25-2	252.8	5	UD	51.7		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	5	UD	34.3		
2-Chlorotoluene	95-49-8	126.6	5	UD	25.9		
1,3,5-Trimethylbenzene	108-67-8	120.2	5	UD	24.6		
1,2,4-Trimethylbenzene	95-63-6	120.2	5	UD	24.6		
1,3-Dichlorobenzene	541-73-1	147	5	UD	30.1		
1,4-Dichlorobenzene	106-46-7	147	5	UD	30.1		
1,2-Dichlorobenzene	95-50-1	147	5	UD	30.1		
1,2,4-Trichlorobenzene	120-82-1	181.5	5	UD	37.1		
Hexachloro-1,3-Butadiene	87-68-3	260.8	5	UD	53.3		
1,3-Butadiene	106-99-0	54.09	5	UD	11.1		
Naphthalene	91-20-3	128.17	5	UD	26.2		
4-Ethyltoluene	622-96-8	120.2	5	UD	24.6		
Hexane	110-54-3	86.17	17.3	D	61.0		
Allyl Chloride	107-05-1	76.53	5	UD	15.6		
1,4-Dioxane	123-91-1	88.12	5	UD	18.0		
Methyl Methacrylate	80-62-6	100.117	5	UD	20.5		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : ID2

Analysis Date : 04/28/16

Laboratory Id Number : H2721-04

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.38	J	1.88		
Chloromethane	74-87-3	50.49	0.35	J	0.72		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.5	U	1.94		
Chloroethane	75-00-3	64.52	0.5	U	1.32		
Tetrahydrofuran	109-99-9	72.11	0.5	U	1.47		
Trichlorofluoromethane	75-69-4	137.4	3.4		19.1		
Dichlorotetrafluoroethane	76-14-2	170.9	0.5	U	3.49		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.5	U	3.83		
Bromoethene	593-60-2	106.9	0.5	U	2.19		
tert-Butyl alcohol	75-65-0	74.12	0.5	U	1.52		
Heptane	142-82-5	100.2	0.1	J	0.41		
1,1-Dichloroethene	75-35-4	96.94	0.5	U	1.98		
Acetone	67-64-1	58.08	0.5	U	1.19		
Carbon Disulfide	75-15-0	76.14	0.5	U	1.56		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.5	U	1.8		
Methylene Chloride	75-09-2	84.94	0.5	U	1.74		
trans-1,2-Dichloroethene	156-60-5	96.94	0.5	U	1.98		
1,1-Dichloroethane	75-34-3	98.96	0.5	U	2.02		
Cyclohexane	110-82-7	84.16	0.54		1.86		
2-Butanone	78-93-3	72.11	0.12	J	0.35		
Carbon Tetrachloride	56-23-5	153.8	0.07		0.44		
cis-1,2-Dichloroethene	156-59-2	96.94	0.5	U	1.98		
Chloroform	67-66-3	119.4	0.5	U	2.44		
1,1,1-Trichloroethane	71-55-6	133.4	0.03	U	0.16		
2,2,4-Trimethylpentane	540-84-1	114.2	0.21	J	0.98		
Benzene	71-43-2	78.11	1		3.19		
1,2-Dichloroethane	107-06-2	98.96	0.5	U	2.02		
Trichloroethene	79-01-6	131.4	0.03	U	0.16		
1,2-Dichloropropane	78-87-5	113	0.5	U	2.31		
Bromodichloromethane	75-27-4	163.8	0.5	U	3.35		
4-Methyl-2-Pentanone	108-10-1	100.2	0.5	U	2.05		
Toluene	108-88-3	92.14	1.9		7.16		
t-1,3-Dichloropropene	10061-02-6	111	0.5	U	2.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.5	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.5	U	2.73		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : ID2

Analysis Date : 04/28/16

Laboratory Id Number : H2721-04

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.5	U	4.26		
1,2-Dibromoethane	106-93-4	187.9	0.5	U	3.84		
Tetrachloroethene	127-18-4	165.8	0.03	U	0.2		
Chlorobenzene	108-90-7	112.6	0.5	U	2.3		
Ethyl Benzene	100-41-4	106.2	0.5	U	2.17		
m/p-Xylene	179601-23-1	106.2	1	U	4.34		
o-Xylene	95-47-6	106.2	0.5	U	2.17		
Styrene	100-42-5	104.1	0.5	U	2.13		
Bromoform	75-25-2	252.8	0.5	U	5.17		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.5	U	3.43		
2-Chlorotoluene	95-49-8	126.6	0.5	U	2.59		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.5	U	2.46		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.5	U	2.46		
1,3-Dichlorobenzene	541-73-1	147	0.5	U	3.01		
1,4-Dichlorobenzene	106-46-7	147	0.5	U	3.01		
1,2-Dichlorobenzene	95-50-1	147	0.5	U	3.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.5	U	3.71		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.5	U	5.33		
Naphthalene	91-20-3	128.17	0.5	U	2.62		
1,3-Butadiene	106-99-0	54.09	0.5	U	1.11		
4-Ethyltoluene	622-96-8	120.2	0.5	U	2.46		
Hexane	110-54-3	86.17	3.9		13.7		
Allyl Chloride	107-05-1	76.53	0.5	U	1.57		
1,4-Dioxane	123-91-1	88.12	0.5	U	1.8		
Methyl Methacrylate	80-62-6	100.117	0.5	U	2.05		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : SS3

Analysis Date : 04/28/16

Laboratory Id Number : H2721-05

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.32	J	1.58		
Chloromethane	74-87-3	50.49	0.17	J	0.35		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.5	U	1.94		
Chloroethane	75-00-3	64.52	0.5	U	1.32		
Tetrahydrofuran	109-99-9	72.11	0.5	U	1.47		
Trichlorofluoromethane	75-69-4	137.4	1.5		8.43		
Dichlorotetrafluoroethane	76-14-2	170.9	0.5	U	3.49		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.07	J	0.54		
Bromoethene	593-60-2	106.9	0.5	U	2.19		
tert-Butyl alcohol	75-65-0	74.12	0.5	U	1.52		
Heptane	142-82-5	100.2	2.8		11.5		
1,1-Dichloroethene	75-35-4	96.94	0.5	U	1.98		
Acetone	67-64-1	58.08	0.5	U	1.19		
Carbon Disulfide	75-15-0	76.14	1		3.11		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.5	U	1.8		
Methylene Chloride	75-09-2	84.94	0.87		3.02		
trans-1,2-Dichloroethene	156-60-5	96.94	0.5	U	1.98		
1,1-Dichloroethane	75-34-3	98.96	0.5	U	2.02		
Cyclohexane	110-82-7	84.16	2.6		8.95		
2-Butanone	78-93-3	72.11	0.56		1.65		
Carbon Tetrachloride	56-23-5	153.8	0.06		0.38		
cis-1,2-Dichloroethene	156-59-2	96.94	0.5	U	1.98		
Chloroform	67-66-3	119.4	0.5	U	2.44		
1,1,1-Trichloroethane	71-55-6	133.4	0.03	U	0.16		
2,2,4-Trimethylpentane	540-84-1	114.2	2.4		11.2		
Benzene	71-43-2	78.11	5.2		16.6		
1,2-Dichloroethane	107-06-2	98.96	0.5	U	2.02		
Trichloroethene	79-01-6	131.4	0.06		0.32		
1,2-Dichloropropane	78-87-5	113	0.11	J	0.51		
Bromodichloromethane	75-27-4	163.8	0.5	U	3.35		
4-Methyl-2-Pentanone	108-10-1	100.2	0.5	U	2.05		
Toluene	108-88-3	92.14	21.4	E	80.6		
t-1,3-Dichloropropene	10061-02-6	111	0.5	U	2.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.5	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.5	U	2.73		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : SS3

Analysis Date : 04/28/16

Laboratory Id Number : H2721-05

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.5	U	4.26		
1,2-Dibromoethane	106-93-4	187.9	0.5	U	3.84		
Tetrachloroethene	127-18-4	165.8	0.04		0.27		
Chlorobenzene	108-90-7	112.6	0.5	U	2.3		
Ethyl Benzene	100-41-4	106.2	1.3		5.65		
m/p-Xylene	179601-23-1	106.2	5.1		22.2		
o-Xylene	95-47-6	106.2	1.2		5.21		
Styrene	100-42-5	104.1	0.07	J	0.3		
Bromoform	75-25-2	252.8	0.5	U	5.17		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.5	U	3.43		
2-Chlorotoluene	95-49-8	126.6	0.5	U	2.59		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.21	J	1.03		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.76		3.74		
1,3-Dichlorobenzene	541-73-1	147	0.5	U	3.01		
1,4-Dichlorobenzene	106-46-7	147	0.5	U	3.01		
1,2-Dichlorobenzene	95-50-1	147	0.5	U	3.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.5	U	3.71		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.5	U	5.33		
Naphthalene	91-20-3	128.17	0.5	U	2.62		
1,3-Butadiene	106-99-0	54.09	0.5	U	1.11		
4-Ethyltoluene	622-96-8	120.2	0.44	J	2.16		
Hexane	110-54-3	86.17	29	E	102		
Allyl Chloride	107-05-1	76.53	0.5	U	1.57		
1,4-Dioxane	123-91-1	88.12	0.5	U	1.8		
Methyl Methacrylate	80-62-6	100.117	0.5	U	2.05		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : SS3DL

Analysis Date : 04/28/16

Laboratory Id Number : H2721-05DL

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	5	UD	24.7		
Chloromethane	74-87-3	50.49	5	UD	10.3		
Vinyl Chloride	75-01-4	62.5	0.3	UD	0.77		
Bromomethane	74-83-9	94.94	5	UD	19.4		
Chloroethane	75-00-3	64.52	5	UD	13.2		
Tetrahydrofuran	109-99-9	72.11	5	UD	14.8		
Trichlorofluoromethane	75-69-4	137.4	1.5	JD	8.43		
Dichlorotetrafluoroethane	76-14-2	170.9	5	UD	35.0		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	5	UD	38.3		
Bromoethene	593-60-2	106.9	5	UD	21.9		
tert-Butyl alcohol	75-65-0	74.12	5	UD	15.2		
Heptane	142-82-5	100.2	1.8	JD	7.38		
1,1-Dichloroethene	75-35-4	96.94	5	UD	19.8		
Acetone	67-64-1	58.08	5	UD	11.9		
Carbon Disulfide	75-15-0	76.14	5	UD	15.6		
Methyl tert-Butyl Ether	1634-04-4	88.15	5	UD	18.0		
Methylene Chloride	75-09-2	84.94	5	UD	17.4		
trans-1,2-Dichloroethene	156-60-5	96.94	5	UD	19.8		
1,1-Dichloroethane	75-34-3	98.96	5	UD	20.2		
Cyclohexane	110-82-7	84.16	2.1	JD	7.23		
2-Butanone	78-93-3	72.11	5	UD	14.8		
Carbon Tetrachloride	56-23-5	153.8	0.3	UD	1.89		
cis-1,2-Dichloroethene	156-59-2	96.94	5	UD	19.8		
Chloroform	67-66-3	119.4	5	UD	24.4		
1,1,1-Trichloroethane	71-55-6	133.4	0.3	UD	1.64		
2,2,4-Trimethylpentane	540-84-1	114.2	1.9	JD	8.87		
Benzene	71-43-2	78.11	5	D	16.0		
1,2-Dichloroethane	107-06-2	98.96	5	UD	20.2		
Trichloroethene	79-01-6	131.4	0.3	UD	1.61		
1,2-Dichloropropane	78-87-5	113	5	UD	23.1		
Bromodichloromethane	75-27-4	163.8	5	UD	33.5		
4-Methyl-2-Pentanone	108-10-1	100.2	5	UD	20.5		
Toluene	108-88-3	92.14	21.2	D	79.9		
t-1,3-Dichloropropene	10061-02-6	111	5	UD	22.7		
cis-1,3-Dichloropropene	10061-01-5	111	5	UD	22.7		
1,1,2-Trichloroethane	79-00-5	133.4	5	UD	27.3		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : SS3DL

Analysis Date : 04/28/16

Laboratory Id Number : H2721-05DL

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	5	UD	42.6		
1,2-Dibromoethane	106-93-4	187.9	5	UD	38.4		
Tetrachloroethene	127-18-4	165.8	0.3	UD	2.03		
Chlorobenzene	108-90-7	112.6	5	UD	23.0		
Ethyl Benzene	100-41-4	106.2	5	UD	21.7		
m/p-Xylene	179601-23-1	106.2	3.2	JD	13.9		
o-Xylene	95-47-6	106.2	5	UD	21.7		
Styrene	100-42-5	104.1	5	UD	21.3		
Bromoform	75-25-2	252.8	5	UD	51.7		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	5	UD	34.3		
2-Chlorotoluene	95-49-8	126.6	5	UD	25.9		
1,3,5-Trimethylbenzene	108-67-8	120.2	5	UD	24.6		
1,2,4-Trimethylbenzene	95-63-6	120.2	5	UD	24.6		
1,3-Dichlorobenzene	541-73-1	147	5	UD	30.1		
1,4-Dichlorobenzene	106-46-7	147	5	UD	30.1		
1,2-Dichlorobenzene	95-50-1	147	5	UD	30.1		
1,2,4-Trichlorobenzene	120-82-1	181.5	5	UD	37.1		
Hexachloro-1,3-Butadiene	87-68-3	260.8	5	UD	53.3		
Naphthalene	91-20-3	128.17	5	UD	26.2		
1,3-Butadiene	106-99-0	54.09	5	UD	11.1		
4-Ethyltoluene	622-96-8	120.2	5	UD	24.6		
Hexane	110-54-3	86.17	28.5	D	100		
Allyl Chloride	107-05-1	76.53	5	UD	15.6		
1,4-Dioxane	123-91-1	88.12	5	UD	18.0		
Methyl Methacrylate	80-62-6	100.117	5	UD	20.5		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : ID3

Analysis Date : 04/27/16

Laboratory Id Number : H2721-06

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.37	J	1.83		
Chloromethane	74-87-3	50.49	0.48	J	0.99		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.5	U	1.94		
Chloroethane	75-00-3	64.52	0.5	U	1.32		
Tetrahydrofuran	109-99-9	72.11	0.5	U	1.47		
Trichlorofluoromethane	75-69-4	137.4	4.5		25.3		
Dichlorotetrafluoroethane	76-14-2	170.9	0.5	U	3.49		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.5	U	3.83		
Bromoethene	593-60-2	106.9	0.5	U	2.19		
tert-Butyl alcohol	75-65-0	74.12	0.5	U	1.52		
Heptane	142-82-5	100.2	0.14	J	0.57		
1,1-Dichloroethene	75-35-4	96.94	0.5	U	1.98		
Acetone	67-64-1	58.08	0.5	U	1.19		
Carbon Disulfide	75-15-0	76.14	0.5	U	1.56		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.5	U	1.8		
Methylene Chloride	75-09-2	84.94	0.5	U	1.74		
trans-1,2-Dichloroethene	156-60-5	96.94	0.5	U	1.98		
1,1-Dichloroethane	75-34-3	98.96	0.5	U	2.02		
Cyclohexane	110-82-7	84.16	0.6		2.07		
2-Butanone	78-93-3	72.11	0.25	J	0.74		
Carbon Tetrachloride	56-23-5	153.8	0.07		0.44		
cis-1,2-Dichloroethene	156-59-2	96.94	0.5	U	1.98		
Chloroform	67-66-3	119.4	0.5	U	2.44		
1,1,1-Trichloroethane	71-55-6	133.4	0.03	U	0.16		
2,2,4-Trimethylpentane	540-84-1	114.2	0.25	J	1.17		
Benzene	71-43-2	78.11	1.1		3.51		
1,2-Dichloroethane	107-06-2	98.96	0.5	U	2.02		
Trichloroethene	79-01-6	131.4	0.03	U	0.16		
1,2-Dichloropropane	78-87-5	113	0.5	U	2.31		
Bromodichloromethane	75-27-4	163.8	0.5	U	3.35		
4-Methyl-2-Pentanone	108-10-1	100.2	0.5	U	2.05		
Toluene	108-88-3	92.14	2.2		8.29		
t-1,3-Dichloropropene	10061-02-6	111	0.5	U	2.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.5	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.5	U	2.73		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : ID3

Analysis Date : 04/27/16

Laboratory Id Number : H2721-06

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.5	U	4.26		
1,2-Dibromoethane	106-93-4	187.9	0.5	U	3.84		
Tetrachloroethene	127-18-4	165.8	0.03	U	0.2		
Chlorobenzene	108-90-7	112.6	0.5	U	2.3		
Ethyl Benzene	100-41-4	106.2	0.5	U	2.17		
m/p-Xylene	179601-23-1	106.2	1	U	4.34		
o-Xylene	95-47-6	106.2	0.5	U	2.17		
Styrene	100-42-5	104.1	0.5	U	2.13		
Bromoform	75-25-2	252.8	0.5	U	5.17		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.5	U	3.43		
2-Chlorotoluene	95-49-8	126.6	0.5	U	2.59		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.5	U	2.46		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.5	U	2.46		
1,3-Dichlorobenzene	541-73-1	147	0.5	U	3.01		
1,4-Dichlorobenzene	106-46-7	147	0.5	U	3.01		
1,2-Dichlorobenzene	95-50-1	147	0.5	U	3.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.5	U	3.71		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.5	U	5.33		
Naphthalene	91-20-3	128.17	0.5	U	2.62		
1,3-Butadiene	106-99-0	54.09	0.5	U	1.11		
4-Ethyltoluene	622-96-8	120.2	0.5	U	2.46		
Hexane	110-54-3	86.17	4.7		16.6		
Allyl Chloride	107-05-1	76.53	0.5	U	1.57		
1,4-Dioxane	123-91-1	88.12	0.5	U	1.8		
Methyl Methacrylate	80-62-6	100.117	0.5	U	2.05		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : OD1

Analysis Date : 04/27/16

Laboratory Id Number : H2721-07

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	0.32	J	1.58		
Chloromethane	74-87-3	50.49	0.55		1.14		
Vinyl Chloride	75-01-4	62.5	0.03	U	0.08		
Bromomethane	74-83-9	94.94	0.5	U	1.94		
Chloroethane	75-00-3	64.52	0.5	U	1.32		
Tetrahydrofuran	109-99-9	72.11	0.5	U	1.47		
Trichlorofluoromethane	75-69-4	137.4	0.26	J	1.46		
Dichlorotetrafluoroethane	76-14-2	170.9	0.5	U	3.49		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	0.5	U	3.83		
Bromoethene	593-60-2	106.9	0.5	U	2.19		
tert-Butyl alcohol	75-65-0	74.12	0.5	U	1.52		
Heptane	142-82-5	100.2	4.2		17.2		
1,1-Dichloroethene	75-35-4	96.94	0.5	U	1.98		
Acetone	67-64-1	58.08	0.5	U	1.19		
Carbon Disulfide	75-15-0	76.14	0.5	U	1.56		
Methyl tert-Butyl Ether	1634-04-4	88.15	0.5	U	1.8		
Methylene Chloride	75-09-2	84.94	0.5	U	1.74		
trans-1,2-Dichloroethene	156-60-5	96.94	0.5	U	1.98		
1,1-Dichloroethane	75-34-3	98.96	0.5	U	2.02		
Cyclohexane	110-82-7	84.16	3.1		10.7		
2-Butanone	78-93-3	72.11	0.98		2.89		
Carbon Tetrachloride	56-23-5	153.8	0.07		0.44		
cis-1,2-Dichloroethene	156-59-2	96.94	0.5	U	1.98		
Chloroform	67-66-3	119.4	0.5	U	2.44		
1,1,1-Trichloroethane	71-55-6	133.4	0.03	U	0.16		
2,2,4-Trimethylpentane	540-84-1	114.2	5.8		27.1		
Benzene	71-43-2	78.11	6.1		19.5		
1,2-Dichloroethane	107-06-2	98.96	0.5	U	2.02		
Trichloroethene	79-01-6	131.4	0.06		0.32		
1,2-Dichloropropane	78-87-5	113	0.12	J	0.55		
Bromodichloromethane	75-27-4	163.8	0.5	U	3.35		
4-Methyl-2-Pentanone	108-10-1	100.2	0.5	U	2.05		
Toluene	108-88-3	92.14	27.9	E	105		
t-1,3-Dichloropropene	10061-02-6	111	0.5	U	2.27		
cis-1,3-Dichloropropene	10061-01-5	111	0.5	U	2.27		
1,1,2-Trichloroethane	79-00-5	133.4	0.5	U	2.73		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : OD1

Analysis Date : 04/27/16

Laboratory Id Number : H2721-07

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	0.5	U	4.26		
1,2-Dibromoethane	106-93-4	187.9	0.5	U	3.84		
Tetrachloroethene	127-18-4	165.8	0.03	U	0.2		
Chlorobenzene	108-90-7	112.6	0.5	U	2.3		
Ethyl Benzene	100-41-4	106.2	1.4		6.08		
m/p-Xylene	179601-23-1	106.2	4.5		19.6		
o-Xylene	95-47-6	106.2	1.5		6.52		
Styrene	100-42-5	104.1	0.11	J	0.47		
Bromoform	75-25-2	252.8	0.5	U	5.17		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	0.5	U	3.43		
2-Chlorotoluene	95-49-8	126.6	0.5	U	2.59		
1,3,5-Trimethylbenzene	108-67-8	120.2	0.22	J	1.08		
1,2,4-Trimethylbenzene	95-63-6	120.2	0.75		3.69		
1,3-Dichlorobenzene	541-73-1	147	0.5	U	3.01		
1,4-Dichlorobenzene	106-46-7	147	0.5	U	3.01		
1,2-Dichlorobenzene	95-50-1	147	0.5	U	3.01		
1,2,4-Trichlorobenzene	120-82-1	181.5	0.5	U	3.71		
Hexachloro-1,3-Butadiene	87-68-3	260.8	0.5	U	5.33		
Naphthalene	91-20-3	128.17	0.5	U	2.62		
1,3-Butadiene	106-99-0	54.09	0.5	U	1.11		
4-Ethyltoluene	622-96-8	120.2	0.26	J	1.28		
Hexane	110-54-3	86.17	33.4	E	117		
Allyl Chloride	107-05-1	76.53	0.5	U	1.57		
1,4-Dioxane	123-91-1	88.12	0.5	U	1.8		
Methyl Methacrylate	80-62-6	100.117	0.5	U	2.05		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : OD1DL

Analysis Date : 04/27/16

Laboratory Id Number : H2721-07DL

Target Analyts : Air Results

Chemical	Cas Number	Molecular Weight	Insert Results in PPBV	Qualifier	Generate Results in ug/m3	QAS Decision	Foot Notes
Dichlorodifluoromethane	75-71-8	120.9	5	UD	24.7		
Chloromethane	74-87-3	50.49	5	UD	10.3		
Vinyl Chloride	75-01-4	62.5	0.3	UD	0.77		
Bromomethane	74-83-9	94.94	5	UD	19.4		
Chloroethane	75-00-3	64.52	5	UD	13.2		
Tetrahydrofuran	109-99-9	72.11	5	UD	14.8		
Trichlorofluoromethane	75-69-4	137.4	5	UD	28.1		
Dichlorotetrafluoroethane	76-14-2	170.9	5	UD	35.0		
1,1,2-Trichlorotrifluoroethane	76-13-1	187.4	5	UD	38.3		
Bromoethene	593-60-2	106.9	5	UD	21.9		
tert-Butyl alcohol	75-65-0	74.12	5	UD	15.2		
Heptane	142-82-5	100.2	2.5	JD	10.2		
1,1-Dichloroethene	75-35-4	96.94	5	UD	19.8		
Acetone	67-64-1	58.08	5	UD	11.9		
Carbon Disulfide	75-15-0	76.14	5	UD	15.6		
Methyl tert-Butyl Ether	1634-04-4	88.15	5	UD	18.0		
Methylene Chloride	75-09-2	84.94	5	UD	17.4		
trans-1,2-Dichloroethene	156-60-5	96.94	5	UD	19.8		
1,1-Dichloroethane	75-34-3	98.96	5	UD	20.2		
Cyclohexane	110-82-7	84.16	2.3	JD	7.92		
2-Butanone	78-93-3	72.11	5	UD	14.8		
Carbon Tetrachloride	56-23-5	153.8	0.3	UD	1.89		
cis-1,2-Dichloroethene	156-59-2	96.94	5	UD	19.8		
Chloroform	67-66-3	119.4	5	UD	24.4		
1,1,1-Trichloroethane	71-55-6	133.4	0.3	UD	1.64		
2,2,4-Trimethylpentane	540-84-1	114.2	4.4	JD	20.6		
Benzene	71-43-2	78.11	4.8	JD	15.3		
1,2-Dichloroethane	107-06-2	98.96	5	UD	20.2		
Trichloroethene	79-01-6	131.4	0.3	UD	1.61		
1,2-Dichloropropane	78-87-5	113	5	UD	23.1		
Bromodichloromethane	75-27-4	163.8	5	UD	33.5		
4-Methyl-2-Pentanone	108-10-1	100.2	5	UD	20.5		
Toluene	108-88-3	92.14	24.6	D	92.7		
t-1,3-Dichloropropene	10061-02-6	111	5	UD	22.7		
cis-1,3-Dichloropropene	10061-01-5	111	5	UD	22.7		
1,1,2-Trichloroethane	79-00-5	133.4	5	UD	27.3		

Project : 4185 Military Road, Niagara, NY TO-15

Sampling Date : 04/21/16

Field Id Number : OD1DL

Analysis Date : 04/27/16

Laboratory Id Number : H2721-07DL

Target Analyts : Air Results

Dibromochloromethane	124-48-1	208.3	5	UD	42.6		
1,2-Dibromoethane	106-93-4	187.9	5	UD	38.4		
Tetrachloroethene	127-18-4	165.8	0.3	UD	2.03		
Chlorobenzene	108-90-7	112.6	5	UD	23.0		
Ethyl Benzene	100-41-4	106.2	5	UD	21.7		
m/p-Xylene	179601-23-1	106.2	2.2	JD	9.56		
o-Xylene	95-47-6	106.2	5	UD	21.7		
Styrene	100-42-5	104.1	5	UD	21.3		
Bromoform	75-25-2	252.8	5	UD	51.7		
1,1,2,2-Tetrachloroethane	79-34-5	167.9	5	UD	34.3		
2-Chlorotoluene	95-49-8	126.6	5	UD	25.9		
1,3,5-Trimethylbenzene	108-67-8	120.2	5	UD	24.6		
1,2,4-Trimethylbenzene	95-63-6	120.2	5	UD	24.6		
1,3-Dichlorobenzene	541-73-1	147	5	UD	30.1		
1,4-Dichlorobenzene	106-46-7	147	5	UD	30.1		
1,2-Dichlorobenzene	95-50-1	147	5	UD	30.1		
1,2,4-Trichlorobenzene	120-82-1	181.5	5	UD	37.1		
Hexachloro-1,3-Butadiene	87-68-3	260.8	5	UD	53.3		
Naphthalene	91-20-3	128.17	5	UD	26.2		
1,3-Butadiene	106-99-0	54.09	5	UD	11.1		
4-Ethyltoluene	622-96-8	120.2	5	UD	24.6		
Hexane	110-54-3	86.17	28.7	D	101		
Allyl Chloride	107-05-1	76.53	5	UD	15.6		
1,4-Dioxane	123-91-1	88.12	5	UD	18.0		
Methyl Methacrylate	80-62-6	100.117	5	UD	20.5		

Project : 4185 Military Road, Niagara, NY TO-15**Field Id Number :** OD1DL**Laboratory Id Number :** H2721-07DL**Sampling Date :** 04/21/16**Analysis Date :** 04/27/16**Target Analyts :** Air Results

A

B

C

D

E

F

G

H

method	CAS#	parameter	molecular weight	mdl air (ppbv)	lod air (ppbv)	loq air (ppbv)		mdl air (ug/m3)	lod air (ug/m3)	loq air (ug/m3)
EPA TO-15	71-55-6	1,1,1-Trichloroethane	133	0.0119	0.03	0.03		0.0646	0.16	0.16
EPA TO-15	79-34-5	1,1,2,2-Tetrachloroethane	168	0.0168	0.1	0.5		0.1154	0.69	3.44
EPA TO-15	79-00-5	1,1,2-Trichloroethane	133	0.0217	0.1	0.5		0.1180	0.54	2.72
EPA TO-15	76-13-1	1,1,2-Trichlorotrifluoroethane	187	0.0153	0.1	0.5		0.1173	0.76	3.82
EPA TO-15	630-20-6	1,1,1,2-Tetrachloroethane	168	0.0625	0.1	0.5		0.4293	0.69	3.44
EPA TO-15	75-34-3	1,1-Dichloroethane	99	0.0119	0.1	0.5		0.0481	0.40	2.02
EPA TO-15	75-35-4	1,1-Dichloroethene	97	0.0168	0.1	0.5		0.0667	0.40	1.98
EPA TO-15	120-82-1	1,2,4-Trichlorobenzene	181	0.0400	0.1	0.5		0.2961	0.74	3.70
EPA TO-15	95-63-6	1,2,4-Trimethylbenzene	120	0.0247	0.1	0.5		0.1214	0.49	2.45
EPA TO-15	106-93-4	1,2-Dibromoethane	188	0.0153	0.1	0.5		0.1179	0.77	3.84
EPA TO-15	95-50-1	1,2-Dichlorobenzene	147	0.0247	0.1	0.5		0.1487	0.60	3.01
EPA TO-15	107-06-2	1,2-Dichloroethane	99	0.0153	0.1	0.5		0.0621	0.40	2.02
EPA TO-15	78-87-5	1,2-Dichloropropane	113	0.0851	0.1	0.5		0.3934	0.46	2.31
EPA TO-15	108-67-8	1,3,5-Trimethylbenzene	120	0.0247	0.1	0.5		0.1214	0.49	2.45
EPA TO-15	106-99-0	1,3-Butadiene	54	0.0217	0.1	0.5		0.0479	0.22	1.10
EPA TO-15	541-73-1	1,3-Dichlorobenzene	147	0.0168	0.1	0.5		0.1010	0.60	3.01
EPA TO-15	106-46-7	1,4-Dichlorobenzene	147	0.0299	0.1	0.5		0.1797	0.60	3.01
EPA TO-15	123-91-1	1,4-Dioxane	88	0.0975	0.4	0.5		0.3508	1.44	1.80
EPA TO-15	540-84-1	2,2,4-Trimethylpentane	114	0.0217	0.1	0.5		0.1011	0.47	2.33
EPA TO-15	78-93-3	2-Butanone	72	0.0217	0.1	0.5		0.0639	0.29	1.47
EPA TO-15	95-49-8	2-Chlorotoluene	126.6	0.0153	0.1	0.5		0.0794	0.52	2.59
EPA TO-15	591-78-6	2-Hexanone	100	0.0247	0.1	0.5		0.1011	0.41	2.04
EPA TO-15	622-96-8	4-Ethyltoluene	120	0.0153	0.1	0.5		0.0753	0.49	2.45
EPA TO-15	108-10-1	4-Methyl-2-Pentanone	100	0.0217	0.1	0.5		0.0887	0.41	2.04
EPA TO-15	67-64-1	Acetone	58	0.0119	0.1	0.5		0.0282	0.24	1.19
EPA TO-15	107-05-1	Allyl Chloride	77	0.0350	0.1	0.5		0.1101	0.31	1.57
EPA TO-15	71-43-2	Benzene	78	0.0168	0.1	0.5		0.0536	0.32	1.60
EPA TO-15	100-44-7	Benzyl Chloride	141	0.0217	0.1	0.5		0.1251	0.58	2.88
EPA TO-15	75-27-4	Bromodichloromethane	164	0.0168	0.1	0.5		0.1127	0.67	3.35
EPA TO-15	593-60-2	Bromoethene	107	0.0257	0.1	0.5		0.1123	0.44	2.19
EPA TO-15	75-25-2	Bromoform	253	0.0119	0.1	0.5		0.1229	1.03	5.17
EPA TO-15	74-83-9	Bromomethane	95	0.0181	0.1	0.5		0.0705	0.39	1.94
EPA TO-15	75-15-0	Carbon Disulfide	76	0.0238	0.1	0.5		0.0739	0.31	1.55
EPA TO-15	56-23-5	Carbon Tetrachloride	154	0.0153	0.03	0.03		0.0966	0.19	0.19
EPA TO-15	108-90-7	Chlorobenzene	113	0.0153	0.1	0.5		0.0709	0.46	2.31
EPA TO-15	75-00-3	Chloroethane	65	0.0307	0.1	0.5		0.0815	0.27	1.33

method	CAS#	parameter	molecular weight	mdl air (ppbv)	lod air (ppbv)	loq air (ppbv)		mdl air (ug/m3)	lod air (ug/m3)	loq air (ug/m3)
EPA TO-15	67-66-3	Chloroform	119	0.0153	0.1	0.5		0.0746	0.49	2.43
EPA TO-15	74-87-3	Chloromethane	50	0.0168	0.1	0.5		0.0344	0.20	1.02
EPA TO-15	75-45-6	Chlorodifluoromethane	86.5	0.0153	0.1	0.5		0.0543	0.35	1.77
EPA TO-15	156-59-2	cis-1,2-Dichloroethene	97	0.0181	0.1	0.5		0.0720	0.40	1.98
EPA TO-15	10061-01-5	cis-1,3-Dichloropropene	111	0.0153	0.1	0.5		0.0696	0.45	2.27
EPA TO-15	110-82-7	Cyclohexane	82	0.0238	0.1	0.5		0.0797	0.34	1.68
EPA TO-15	124-48-1	Dibromochloromethane	208	0.0119	0.1	0.5		0.1011	0.85	4.25
EPA TO-15	75-71-8	Dichlorodifluoromethane	121	0.0238	0.1	0.5		0.1176	0.49	2.47
EPA TO-15	76-14-2	Dichlorotetrafluoroethane	171	0.0168	0.1	0.5		0.1175	0.70	3.50
EPA TO-15	64-17-5	Ethanol	46.1	0.2405	0.4	0.5		0.4535	0.75	0.94
EPA TO-15	141-78-6	Ethyl Acetate	88	0.0356	0.1	0.5		0.1283	0.36	1.80
EPA TO-15	100-41-4	Ethyl Benzene	106	0.0168	0.1	0.5		0.0728	0.43	2.17
EPA TO-15	142-82-5	Heptane	100	0.0238	0.1	0.5		0.0972	0.41	2.04
EPA TO-15	87-68-3	Hexachloro-1,3-Butadiene	261	0.0307	0.1	0.5		0.3274	1.07	5.34
EPA TO-15	110-54-3	Hexane	86	0.0153	0.1	0.5		0.0539	0.35	1.76
EPA TO-15	67-63-0	Isopropyl Alcohol	60	0.0586	0.1	0.5		0.1438	0.25	1.23
EPA TO-15	136777-61-2	m/p-Xylene	106	0.0307	0.2	1		0.1330	0.87	4.34
EPA TO-15	80-62-6	Methyl methacrylate	100.1	0.0168	0.1	0.5		0.0688	0.41	2.05
EPA TO-15	1634-04-4	Methyl tert-Butyl Ether	88	0.0153	0.1	0.5		0.0552	0.36	1.80
EPA TO-15	75-09-2	Methylene Chloride	85	0.0168	0.1	0.5		0.0584	0.35	1.74
EPA TO-15	95-47-6	o-Xylene	106	0.0168	0.1	0.5		0.0728	0.43	2.17
EPA TO-15	115-07-1	Propene	42	0.0247	0.1	0.5		0.0425	0.17	0.86
EPA TO-15	100-42-5	Styrene	104	0.0119	0.1	0.5		0.0505	0.43	2.13
EPA TO-15	10061-02-6	t-1,3-Dichloropropene	111	0.0238	0.1	0.5		0.1079	0.45	2.27
EPA TO-15	27975-78-6	tert-butyl alcohol	74.1	0.0434	0.1	0.5		0.1315	0.30	1.52
EPA TO-15	127-18-4	Tetrachloroethene	166	0.0168	0.03	0.03		0.1141	0.20	0.20
EPA TO-15	109-99-9	Tetrahydrofuran	72	0.0299	0.1	0.5		0.0880	0.29	1.47
EPA TO-15	108-88-3	Toluene	92	0.0119	0.1	0.5		0.0447	0.38	1.88
EPA TO-15	156-60-5	trans-1,2-Dichloroethene	97	0.0168	0.1	0.5		0.0667	0.40	1.98
EPA TO-15	79-01-6	Trichloroethene	131	0.0153	0.03	0.03		0.0822	0.16	0.16
EPA TO-15	75-69-4	Trichlorofluoromethane	137	0.0238	0.1	0.5		0.1331	0.56	2.80
EPA TO-15	108-05-4	Vinyl Acetate	86	0.0119	0.1	0.5		0.0418	0.35	1.76
EPA TO-15	75-01-4	Vinyl Chloride	62.5	0.0153	0.03	0.03		0.0392	0.08	0.08
EPA TO-15	91-20-3	Naphthalene	128	0.0434	0.1	0.5		0.2274	0.52	2.62
EPA TO-15	91-57-6	Naphthalene,2-methyl-	142.2	0.0886	0.1	0.5		0.5155	0.58	2.91
EPA TO-15	98-82-8	Isopropylbenzene	120	0.0181	0.1	0.5		0.0892	0.49	2.46
EPA TO-15	103-65-1	n-propylbenzene	120	0.0181	0.1	0.5		0.0892	0.49	2.46
EPA TO-15	98-06-6	tert-butyl benzene	134	0.0217	0.1	0.5		0.1191	0.55	2.74
EPA TO-15	135-98-8	sec-butylbenzene	134	0.0153	0.1	0.5		0.0842	0.55	2.74

method	CAS#	parameter	molecular weight	mdl air (ppbv)	lod air (ppbv)	loq air (ppbv)		mdl air (ug/m3)	lod air (ug/m3)	loq air (ug/m3)
EPA TO-15	99-87-6	p-isopropyltoluene	134	0.0247	0.1	0.5		0.1358	0.55	2.74
EPA TO-15	104-51-8	n-butylbenzene	134	0.0168	0.1	0.5		0.0922	0.55	2.74

SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	SS1	SDG No.:	H2721
Lab Sample ID:	H2721-01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027656.D	1		04/28/16 03:14	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.26	1.29	J	0.2	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.27	0.56	J	0.04	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.05	0.08	0.08	ug/m3
74-83-9	Bromomethane	0.5	1.94	U	0.08	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.5	1.32	U	0.08	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.5	1.47	U	0.09	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.78	4.38		0.11	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	3.83	U	0.15	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.5	3.49	U	0.14	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.5	2.19	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.5	1.52	U	0.12	0.3	1.52	ug/m3
142-82-5	Heptane	8	32.8		0.08	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-64-1	Acetone	0.5	1.19	U	0.02	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	0.76	2.37		0.06	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.5	1.8	U	0.07	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	0.5	1.74	U	0.07	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.5	2.02	U	0.04	0.4	2.02	ug/m3
110-82-7	Cyclohexane	6.7	23.1		0.07	0.34	1.72	ug/m3
78-93-3	2-Butanone	2.4	7.08		0.06	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.05	0.31		0.13	0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-66-3	Chloroform	0.5	2.44	U	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.05	0.16	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	8.3	38.8		0.09	0.47	2.34	ug/m3
71-43-2	Benzene	7.6	24.3		0.06	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.5	2.02	U	0.08	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.29	1.56		0.11	0.16	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.49	2.26	J	0.42	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.5	3.35	U	0.13	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.5	2.05	U	0.08	0.41	2.05	ug/m3
108-88-3	Toluene	51.5	194	E	0.04	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.5	2.73	U	0.11	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.5	4.26	U	0.09	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.5	3.84	U	0.15	0.77	3.84	ug/m3

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	SS1	SDG No.:	H2721
Lab Sample ID:	H2721-01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027656.D	1		04/28/16 03:14	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.06	0.41		0.14	0.2	0.2	ug/m3
108-90-7	Chlorobenzene	0.5	2.3	U	0.09	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	3.6	15.6		0.09	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	11.7	50.8		0.13	0.87	4.34	ug/m3
95-47-6	o-Xylene	4.3	18.7		0.09	0.43	2.17	ug/m3
100-42-5	Styrene	0.72	3.07		0.04	0.43	2.13	ug/m3
75-25-2	Bromoform	0.5	5.17	U	0.1	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.5	3.43	U	0.14	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.5	2.59	U	0.1	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.89	4.38		0.1	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	3	14.8		0.1	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.5	3.01	U	0.18	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.5	3.71	U	0.3	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.5	5.33	U	0.32	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.5	1.11	U	0.04	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.16	0.84	J	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	1.1	5.41		0.1	0.49	2.46	ug/m3
110-54-3	Hexane	43.3	152	E	0.07	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.5	1.57	U	0.13	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.5	1.8	U	0.36	1.44	1.8	ug/m3
80-62-6	Methyl Methacrylate	1.4	5.73		0.08	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	11.1			65 - 135		111%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	925128			6.66			
540-36-3	1,4-Difluorobenzene	2303980			8.34			
3114-55-4	Chlorobenzene-d5	2345440			13.75			

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	SS1DL	SDG No.:	H2721
Lab Sample ID:	H2721-01DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027657.D	10		04/28/16 03:53	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	5	24.7	UD	1.98	4.94	24.7	ug/m3
74-87-3	Chloromethane	5	10.3	UD	0.35	2.07	10.3	ug/m3
75-01-4	Vinyl Chloride	0.3	0.77	UD	0.38	0.77	0.77	ug/m3
74-83-9	Bromomethane	5	19.4	UD	0.7	3.88	19.4	ug/m3
75-00-3	Chloroethane	5	13.2	UD	0.82	2.64	13.2	ug/m3
109-99-9	Tetrahydrofuran	5	14.8	UD	0.88	2.95	14.8	ug/m3
75-69-4	Trichlorofluoromethane	5	28.1	UD	1.35	5.62	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	5	38.3	UD	1.15	7.66	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	5	35.0	UD	1.19	6.99	35.0	ug/m3
593-60-2	Bromoethene	5	21.9	UD	1.14	4.37	21.9	ug/m3
75-65-0	tert-Butyl alcohol	5	15.2	UD	1.3	3.03	15.2	ug/m3
142-82-5	Heptane	5.8	23.8	D	0.98	4.1	20.5	ug/m3
75-35-4	1,1-Dichloroethene	5	19.8	UD	0.67	3.96	19.8	ug/m3
67-64-1	Acetone	5	11.9	UD	0.29	2.38	11.9	ug/m3
75-15-0	Carbon Disulfide	5	15.6	UD	0.75	3.11	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	5	18.0	UD	0.54	3.61	18.0	ug/m3
75-09-2	Methylene Chloride	5	17.4	UD	0.59	3.47	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	5	19.8	UD	0.67	3.96	19.8	ug/m3
75-34-3	1,1-Dichloroethane	5	20.2	UD	0.49	4.05	20.2	ug/m3
110-82-7	Cyclohexane	5.2	17.9	D	0.83	3.44	17.2	ug/m3
78-93-3	2-Butanone	1.9	5.6	JD	0.65	2.95	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.3	1.89	UD	0.94	1.89	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	5	19.8	UD	0.71	3.96	19.8	ug/m3
67-66-3	Chloroform	5	24.4	UD	0.73	4.88	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.3	1.64	UD	0.65	1.64	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	7.3	34.1	D	1.03	4.67	23.4	ug/m3
71-43-2	Benzene	6.6	21.1	D	0.54	3.19	16.0	ug/m3
107-06-2	1,2-Dichloroethane	5	20.2	UD	0.61	4.05	20.2	ug/m3
79-01-6	Trichloroethene	0.3	1.61	UD	0.81	1.61	1.61	ug/m3
78-87-5	1,2-Dichloropropane	5	23.1	UD	3.93	4.62	23.1	ug/m3
75-27-4	Bromodichloromethane	5	33.5	UD	1.14	6.7	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	5	20.5	UD	0.9	4.1	20.5	ug/m3
108-88-3	Toluene	70.7	266	D	0.45	3.77	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	5	22.7	UD	1.09	4.54	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	5	22.7	UD	0.68	4.54	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	5	27.3	UD	1.2	5.46	27.3	ug/m3
124-48-1	Dibromochloromethane	5	42.6	UD	1.02	8.52	42.6	ug/m3
106-93-4	1,2-Dibromoethane	5	38.4	UD	1.15	7.69	38.4	ug/m3

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	SS1DL	SDG No.:	H2721
Lab Sample ID:	H2721-01DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027657.D	10		04/28/16 03:53	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.3	2.03	UD	1.15	2.03	2.03	ug/m3
108-90-7	Chlorobenzene	5	23.0	UD	0.69	4.61	23.0	ug/m3
100-41-4	Ethyl Benzene	2.8	12.2	JD	0.74	4.34	21.7	ug/m3
179601-23-1	m/p-Xylene	9.4	40.8	JD	1.35	8.69	43.4	ug/m3
95-47-6	o-Xylene	3.1	13.5	JD	0.74	4.34	21.7	ug/m3
100-42-5	Styrene	5	21.3	UD	0.51	4.26	21.3	ug/m3
75-25-2	Bromoform	5	51.7	UD	1.24	10.3	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	5	34.3	UD	1.17	6.87	34.3	ug/m3
95-49-8	2-Chlorotoluene	5	25.9	UD	0.78	5.18	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	5	24.6	UD	1.23	4.92	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	2.1	10.3	JD	1.23	4.92	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	5	30.1	UD	1.02	6.01	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	5	30.1	UD	1.8	6.01	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	5	30.1	UD	1.5	6.01	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	5	37.1	UD	2.97	7.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	5	53.3	UD	3.31	10.7	53.3	ug/m3
106-99-0	1,3-Butadiene	5	11.1	UD	0.49	2.21	11.1	ug/m3
91-20-3	Naphthalene	5	26.2	UD	2.25	5.24	26.2	ug/m3
622-96-8	4-Ethyltoluene	5	24.6	UD	0.74	4.92	24.6	ug/m3
110-54-3	Hexane	42.1	148	D	0.53	3.52	17.6	ug/m3
107-05-1	Allyl Chloride	5	15.6	UD	1.1	3.13	15.6	ug/m3
123-91-1	1,4-Dioxane	5	18.0	UD	3.53	14.4	18.0	ug/m3
80-62-6	Methyl Methacrylate	5	20.5	UD	0.7	4.09	20.5	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.1			65 - 135		101%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1071360		6.65				
540-36-3	1,4-Difluorobenzene	2423590		8.32				
3114-55-4	Chlorobenzene-d5	2524950		13.74				

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	ID1	SDG No.:	H2721
Lab Sample ID:	H2721-02	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027654.D	1		04/28/16 01:54	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.38	1.88	J	0.2	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.4	0.83	J	0.04	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.05	0.08	0.08	ug/m3
74-83-9	Bromomethane	0.5	1.94	U	0.08	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.5	1.32	U	0.08	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.5	1.47	U	0.09	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	3.9	21.9		0.11	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	3.83	U	0.15	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.5	3.49	U	0.14	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.5	2.19	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.5	1.52	U	0.12	0.3	1.52	ug/m3
142-82-5	Heptane	0.31	1.27	J	0.08	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-64-1	Acetone	0.5	1.19	U	0.02	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	0.5	1.56	U	0.06	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.5	1.8	U	0.07	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	0.5	1.74	U	0.07	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.5	2.02	U	0.04	0.4	2.02	ug/m3
110-82-7	Cyclohexane	0.75	2.58		0.07	0.34	1.72	ug/m3
78-93-3	2-Butanone	0.18	0.53	J	0.06	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.07	0.44		0.13	0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-66-3	Chloroform	0.5	2.44	U	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.05	0.16	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.67	3.13		0.09	0.47	2.34	ug/m3
71-43-2	Benzene	1.7	5.43		0.06	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.5	2.02	U	0.08	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.05	0.27		0.11	0.16	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.5	2.31	U	0.42	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.5	3.35	U	0.13	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.5	2.05	U	0.08	0.41	2.05	ug/m3
108-88-3	Toluene	4.1	15.4		0.04	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.5	2.73	U	0.11	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.5	4.26	U	0.09	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.5	3.84	U	0.15	0.77	3.84	ug/m3

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	ID1	SDG No.:	H2721
Lab Sample ID:	H2721-02	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027654.D	1		04/28/16 01:54	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.03	0.2	U	0.14	0.2	0.2	ug/m3
108-90-7	Chlorobenzene	0.5	2.3	U	0.09	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	0.5	2.17	U	0.09	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	1	4.34	U	0.13	0.87	4.34	ug/m3
95-47-6	o-Xylene	0.5	2.17	U	0.09	0.43	2.17	ug/m3
100-42-5	Styrene	0.5	2.13	U	0.04	0.43	2.13	ug/m3
75-25-2	Bromoform	0.5	5.17	U	0.1	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.5	3.43	U	0.14	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.5	2.59	U	0.1	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.5	2.46	U	0.1	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.5	2.46	U	0.1	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.5	3.01	U	0.18	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.5	3.71	U	0.3	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.5	5.33	U	0.32	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.5	1.11	U	0.04	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.5	2.62	U	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.5	2.46	U	0.1	0.49	2.46	ug/m3
110-54-3	Hexane	8	28.2		0.07	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.5	1.57	U	0.13	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.5	1.8	U	0.36	1.44	1.8	ug/m3
80-62-6	Methyl Methacrylate	0.5	2.05	U	0.08	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	9.6			65 - 135		96%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	972056		6.65				
540-36-3	1,4-Difluorobenzene	2106750		8.33				
3114-55-4	Chlorobenzene-d5	2031450		13.74				

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	SS2	SDG No.:	H2721
Lab Sample ID:	H2721-03	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027659.D	1		04/28/16 05:12	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.39	1.93	J	0.2	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.5	1.03	U	0.04	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.05	0.08	0.08	ug/m3
74-83-9	Bromomethane	0.5	1.94	U	0.08	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.5	1.32	U	0.08	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.5	1.47	U	0.09	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.74	4.16		0.11	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	3.83	U	0.15	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.5	3.49	U	0.14	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.5	2.19	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.5	1.52	U	0.12	0.3	1.52	ug/m3
142-82-5	Heptane	7.5	30.7		0.08	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-64-1	Acetone	0.5	1.19	U	0.02	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	1.9	5.92		0.06	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.5	1.8	U	0.07	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	0.5	1.74	U	0.07	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.5	2.02	U	0.04	0.4	2.02	ug/m3
110-82-7	Cyclohexane	4	13.8		0.07	0.34	1.72	ug/m3
78-93-3	2-Butanone	0.87	2.57		0.06	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.1	0.63		0.13	0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-66-3	Chloroform	0.5	2.44	U	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.08	0.44		0.05	0.16	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.96	4.48		0.09	0.47	2.34	ug/m3
71-43-2	Benzene	4.9	15.6		0.06	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.5	2.02	U	0.08	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.03	0.16	U	0.11	0.16	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.5	2.31	U	0.42	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.5	3.35	U	0.13	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.5	2.05	U	0.08	0.41	2.05	ug/m3
108-88-3	Toluene	12.8	48.2		0.04	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.5	2.73	U	0.11	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.5	4.26	U	0.09	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.5	3.84	U	0.15	0.77	3.84	ug/m3

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	SS2	SDG No.:	H2721
Lab Sample ID:	H2721-03	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027659.D	1		04/28/16 05:12	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.19	1.29		0.14	0.2	0.2	ug/m3
108-90-7	Chlorobenzene	0.5	2.3	U	0.09	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	1.6	6.95		0.09	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	6.7	29.1		0.13	0.87	4.34	ug/m3
95-47-6	o-Xylene	1.6	6.95		0.09	0.43	2.17	ug/m3
100-42-5	Styrene	0.5	2.13	U	0.04	0.43	2.13	ug/m3
75-25-2	Bromoform	0.5	5.17	U	0.1	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.5	3.43	U	0.14	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.5	2.59	U	0.1	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.34	1.67	J	0.1	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	1	4.92		0.1	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.5	3.01	U	0.18	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.5	3.71	U	0.3	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.5	5.33	U	0.32	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.5	1.11	U	0.04	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.5	2.62	U	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.58	2.85		0.1	0.49	2.46	ug/m3
110-54-3	Hexane	19.3	68.0	E	0.07	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.5	1.57	U	0.13	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.5	1.8	U	0.36	1.44	1.8	ug/m3
80-62-6	Methyl Methacrylate	0.5	2.05	U	0.08	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.3			65 - 135		103%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	964977		6.65				
540-36-3	1,4-Difluorobenzene	2229600		8.32				
3114-55-4	Chlorobenzene-d5	2357850		13.74				

U = Not Detected

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MDL = Method Detection Limit

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D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	SS2DL	SDG No.:	H2721
Lab Sample ID:	H2721-03DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027660.D	10		04/28/16 05:51	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	5	24.7	UD	1.98	4.94	24.7	ug/m3
74-87-3	Chloromethane	5	10.3	UD	0.35	2.07	10.3	ug/m3
75-01-4	Vinyl Chloride	0.3	0.77	UD	0.38	0.77	0.77	ug/m3
74-83-9	Bromomethane	5	19.4	UD	0.7	3.88	19.4	ug/m3
75-00-3	Chloroethane	5	13.2	UD	0.82	2.64	13.2	ug/m3
109-99-9	Tetrahydrofuran	5	14.8	UD	0.88	2.95	14.8	ug/m3
75-69-4	Trichlorofluoromethane	5	28.1	UD	1.35	5.62	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	5	38.3	UD	1.15	7.66	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	5	35.0	UD	1.19	6.99	35.0	ug/m3
593-60-2	Bromoethene	5	21.9	UD	1.14	4.37	21.9	ug/m3
75-65-0	tert-Butyl alcohol	5	15.2	UD	1.3	3.03	15.2	ug/m3
142-82-5	Heptane	5.6	23.0	D	0.98	4.1	20.5	ug/m3
75-35-4	1,1-Dichloroethene	5	19.8	UD	0.67	3.96	19.8	ug/m3
67-64-1	Acetone	5	11.9	UD	0.29	2.38	11.9	ug/m3
75-15-0	Carbon Disulfide	1.5	4.67	JD	0.75	3.11	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	5	18.0	UD	0.54	3.61	18.0	ug/m3
75-09-2	Methylene Chloride	5	17.4	UD	0.59	3.47	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	5	19.8	UD	0.67	3.96	19.8	ug/m3
75-34-3	1,1-Dichloroethane	5	20.2	UD	0.49	4.05	20.2	ug/m3
110-82-7	Cyclohexane	3.1	10.7	JD	0.83	3.44	17.2	ug/m3
78-93-3	2-Butanone	5	14.8	UD	0.65	2.95	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.3	1.89	UD	0.94	1.89	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	5	19.8	UD	0.71	3.96	19.8	ug/m3
67-66-3	Chloroform	5	24.4	UD	0.73	4.88	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.3	1.64	UD	0.65	1.64	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	5	23.4	UD	1.03	4.67	23.4	ug/m3
71-43-2	Benzene	4.1	13.1	JD	0.54	3.19	16.0	ug/m3
107-06-2	1,2-Dichloroethane	5	20.2	UD	0.61	4.05	20.2	ug/m3
79-01-6	Trichloroethene	0.3	1.61	UD	0.81	1.61	1.61	ug/m3
78-87-5	1,2-Dichloropropane	5	23.1	UD	3.93	4.62	23.1	ug/m3
75-27-4	Bromodichloromethane	5	33.5	UD	1.14	6.7	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	5	20.5	UD	0.9	4.1	20.5	ug/m3
108-88-3	Toluene	10.6	40.0	D	0.45	3.77	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	5	22.7	UD	1.09	4.54	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	5	22.7	UD	0.68	4.54	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	5	27.3	UD	1.2	5.46	27.3	ug/m3
124-48-1	Dibromochloromethane	5	42.6	UD	1.02	8.52	42.6	ug/m3
106-93-4	1,2-Dibromoethane	5	38.4	UD	1.15	7.69	38.4	ug/m3

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	SS2DL	SDG No.:	H2721
Lab Sample ID:	H2721-03DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027660.D	10		04/28/16 05:51	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.3	2.03	UD	1.15	2.03	2.03	ug/m3
108-90-7	Chlorobenzene	5	23.0	UD	0.69	4.61	23.0	ug/m3
100-41-4	Ethyl Benzene	5	21.7	UD	0.74	4.34	21.7	ug/m3
179601-23-1	m/p-Xylene	4.7	20.4	JD	1.35	8.69	43.4	ug/m3
95-47-6	o-Xylene	5	21.7	UD	0.74	4.34	21.7	ug/m3
100-42-5	Styrene	5	21.3	UD	0.51	4.26	21.3	ug/m3
75-25-2	Bromoform	5	51.7	UD	1.24	10.3	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	5	34.3	UD	1.17	6.87	34.3	ug/m3
95-49-8	2-Chlorotoluene	5	25.9	UD	0.78	5.18	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	5	24.6	UD	1.23	4.92	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	5	24.6	UD	1.23	4.92	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	5	30.1	UD	1.02	6.01	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	5	30.1	UD	1.8	6.01	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	5	30.1	UD	1.5	6.01	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	5	37.1	UD	2.97	7.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	5	53.3	UD	3.31	10.7	53.3	ug/m3
106-99-0	1,3-Butadiene	5	11.1	UD	0.49	2.21	11.1	ug/m3
91-20-3	Naphthalene	5	26.2	UD	2.25	5.24	26.2	ug/m3
622-96-8	4-Ethyltoluene	5	24.6	UD	0.74	4.92	24.6	ug/m3
110-54-3	Hexane	17.3	61.0	D	0.53	3.52	17.6	ug/m3
107-05-1	Allyl Chloride	5	15.6	UD	1.1	3.13	15.6	ug/m3
123-91-1	1,4-Dioxane	5	18.0	UD	3.53	14.4	18.0	ug/m3
80-62-6	Methyl Methacrylate	5	20.5	UD	0.7	4.09	20.5	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.2			65 - 135		102%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1022140		6.65				
540-36-3	1,4-Difluorobenzene	2219240		8.32				
3114-55-4	Chlorobenzene-d5	2288520		13.74				

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	ID2	SDG No.:	H2721
Lab Sample ID:	H2721-04	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027652.D	1		04/28/16 00:34	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.38	1.88	J	0.2	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.35	0.72	J	0.04	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.05	0.08	0.08	ug/m3
74-83-9	Bromomethane	0.5	1.94	U	0.08	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.5	1.32	U	0.08	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.5	1.47	U	0.09	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	3.4	19.1		0.11	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	3.83	U	0.15	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.5	3.49	U	0.14	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.5	2.19	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.5	1.52	U	0.12	0.3	1.52	ug/m3
142-82-5	Heptane	0.1	0.41	J	0.08	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-64-1	Acetone	0.5	1.19	U	0.02	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	0.5	1.56	U	0.06	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.5	1.8	U	0.07	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	0.5	1.74	U	0.07	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.5	2.02	U	0.04	0.4	2.02	ug/m3
110-82-7	Cyclohexane	0.54	1.86		0.07	0.34	1.72	ug/m3
78-93-3	2-Butanone	0.12	0.35	J	0.06	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.07	0.44		0.13	0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-66-3	Chloroform	0.5	2.44	U	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.05	0.16	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.21	0.98	J	0.09	0.47	2.34	ug/m3
71-43-2	Benzene	1	3.19		0.06	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.5	2.02	U	0.08	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.03	0.16	U	0.11	0.16	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.5	2.31	U	0.42	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.5	3.35	U	0.13	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.5	2.05	U	0.08	0.41	2.05	ug/m3
108-88-3	Toluene	1.9	7.16		0.04	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.5	2.73	U	0.11	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.5	4.26	U	0.09	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.5	3.84	U	0.15	0.77	3.84	ug/m3

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	ID2	SDG No.:	H2721
Lab Sample ID:	H2721-04	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027652.D	1		04/28/16 00:34	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.03	0.2	U	0.14	0.2	0.2	ug/m3
108-90-7	Chlorobenzene	0.5	2.3	U	0.09	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	0.5	2.17	U	0.09	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	1	4.34	U	0.13	0.87	4.34	ug/m3
95-47-6	o-Xylene	0.5	2.17	U	0.09	0.43	2.17	ug/m3
100-42-5	Styrene	0.5	2.13	U	0.04	0.43	2.13	ug/m3
75-25-2	Bromoform	0.5	5.17	U	0.1	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.5	3.43	U	0.14	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.5	2.59	U	0.1	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.5	2.46	U	0.1	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.5	2.46	U	0.1	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.5	3.01	U	0.18	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.5	3.71	U	0.3	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.5	5.33	U	0.32	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.5	1.11	U	0.04	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.5	2.62	U	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.5	2.46	U	0.1	0.49	2.46	ug/m3
110-54-3	Hexane	3.9	13.7		0.07	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.5	1.57	U	0.13	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.5	1.8	U	0.36	1.44	1.8	ug/m3
80-62-6	Methyl Methacrylate	0.5	2.05	U	0.08	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	9.6			65 - 135		96%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	963668		6.65				
540-36-3	1,4-Difluorobenzene	2100620		8.32				
3114-55-4	Chlorobenzene-d5	1922010		13.74				

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	SS3	SDG No.:	H2721
Lab Sample ID:	H2721-05	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027663.D	1		04/28/16 10:27	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.32	1.58	J	0.2	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.17	0.35	J	0.04	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.05	0.08	0.08	ug/m3
74-83-9	Bromomethane	0.5	1.94	U	0.08	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.5	1.32	U	0.08	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.5	1.47	U	0.09	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	1.5	8.43		0.11	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.07	0.54	J	0.15	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.5	3.49	U	0.14	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.5	2.19	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.5	1.52	U	0.12	0.3	1.52	ug/m3
142-82-5	Heptane	2.8	11.5		0.08	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-64-1	Acetone	0.5	1.19	U	0.02	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	1	3.11		0.06	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.5	1.8	U	0.07	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	0.87	3.02	B	0.07	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.5	2.02	U	0.04	0.4	2.02	ug/m3
110-82-7	Cyclohexane	2.6	8.95		0.07	0.34	1.72	ug/m3
78-93-3	2-Butanone	0.56	1.65		0.06	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.06	0.38		0.13	0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-66-3	Chloroform	0.5	2.44	U	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.05	0.16	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	2.4	11.2		0.09	0.47	2.34	ug/m3
71-43-2	Benzene	5.2	16.6		0.06	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.5	2.02	U	0.08	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.06	0.32		0.11	0.16	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.11	0.51	J	0.42	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.5	3.35	U	0.13	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.5	2.05	U	0.08	0.41	2.05	ug/m3
108-88-3	Toluene	21.4	80.6	E	0.04	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.5	2.73	U	0.11	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.5	4.26	U	0.09	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.5	3.84	U	0.15	0.77	3.84	ug/m3

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	SS3	SDG No.:	H2721
Lab Sample ID:	H2721-05	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027663.D	1		04/28/16 10:27	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.04	0.27		0.14	0.2	0.2	ug/m3
108-90-7	Chlorobenzene	0.5	2.3	U	0.09	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	1.3	5.65		0.09	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	5.1	22.2		0.13	0.87	4.34	ug/m3
95-47-6	o-Xylene	1.2	5.21		0.09	0.43	2.17	ug/m3
100-42-5	Styrene	0.07	0.3	J	0.04	0.43	2.13	ug/m3
75-25-2	Bromoform	0.5	5.17	U	0.1	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.5	3.43	U	0.14	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.5	2.59	U	0.1	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.21	1.03	J	0.1	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.76	3.74		0.1	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.5	3.01	U	0.18	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.5	3.71	U	0.3	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.5	5.33	U	0.32	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.5	1.11	U	0.04	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.5	2.62	U	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.44	2.16	J	0.1	0.49	2.46	ug/m3
110-54-3	Hexane	29	102	E	0.07	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.5	1.57	U	0.13	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.5	1.8	U	0.36	1.44	1.8	ug/m3
80-62-6	Methyl Methacrylate	0.5	2.05	U	0.08	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.3			65 - 135		103%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	953178		6.65				
540-36-3	1,4-Difluorobenzene	2245920		8.32				
3114-55-4	Chlorobenzene-d5	2307200		13.72				

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	SS3DL	SDG No.:	H2721
Lab Sample ID:	H2721-05DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027664.D	10		04/28/16 11:06	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	5	24.7	UD	1.98	4.94	24.7	ug/m3
74-87-3	Chloromethane	5	10.3	UD	0.35	2.07	10.3	ug/m3
75-01-4	Vinyl Chloride	0.3	0.77	UD	0.38	0.77	0.77	ug/m3
74-83-9	Bromomethane	5	19.4	UD	0.7	3.88	19.4	ug/m3
75-00-3	Chloroethane	5	13.2	UD	0.82	2.64	13.2	ug/m3
109-99-9	Tetrahydrofuran	5	14.8	UD	0.88	2.95	14.8	ug/m3
75-69-4	Trichlorofluoromethane	1.5	8.43	JD	1.35	5.62	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	5	38.3	UD	1.15	7.66	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	5	35.0	UD	1.19	6.99	35.0	ug/m3
593-60-2	Bromoethene	5	21.9	UD	1.14	4.37	21.9	ug/m3
75-65-0	tert-Butyl alcohol	5	15.2	UD	1.3	3.03	15.2	ug/m3
142-82-5	Heptane	1.8	7.38	JD	0.98	4.1	20.5	ug/m3
75-35-4	1,1-Dichloroethene	5	19.8	UD	0.67	3.96	19.8	ug/m3
67-64-1	Acetone	5	11.9	UD	0.29	2.38	11.9	ug/m3
75-15-0	Carbon Disulfide	5	15.6	UD	0.75	3.11	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	5	18.0	UD	0.54	3.61	18.0	ug/m3
75-09-2	Methylene Chloride	5	17.4	UD	0.59	3.47	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	5	19.8	UD	0.67	3.96	19.8	ug/m3
75-34-3	1,1-Dichloroethane	5	20.2	UD	0.49	4.05	20.2	ug/m3
110-82-7	Cyclohexane	2.1	7.23	JD	0.83	3.44	17.2	ug/m3
78-93-3	2-Butanone	5	14.8	UD	0.65	2.95	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.3	1.89	UD	0.94	1.89	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	5	19.8	UD	0.71	3.96	19.8	ug/m3
67-66-3	Chloroform	5	24.4	UD	0.73	4.88	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.3	1.64	UD	0.65	1.64	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	1.9	8.87	JD	1.03	4.67	23.4	ug/m3
71-43-2	Benzene	5	16.0	D	0.54	3.19	16.0	ug/m3
107-06-2	1,2-Dichloroethane	5	20.2	UD	0.61	4.05	20.2	ug/m3
79-01-6	Trichloroethene	0.3	1.61	UD	0.81	1.61	1.61	ug/m3
78-87-5	1,2-Dichloropropane	5	23.1	UD	3.93	4.62	23.1	ug/m3
75-27-4	Bromodichloromethane	5	33.5	UD	1.14	6.7	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	5	20.5	UD	0.9	4.1	20.5	ug/m3
108-88-3	Toluene	21.2	79.9	D	0.45	3.77	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	5	22.7	UD	1.09	4.54	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	5	22.7	UD	0.68	4.54	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	5	27.3	UD	1.2	5.46	27.3	ug/m3
124-48-1	Dibromochloromethane	5	42.6	UD	1.02	8.52	42.6	ug/m3
106-93-4	1,2-Dibromoethane	5	38.4	UD	1.15	7.69	38.4	ug/m3

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	SS3DL	SDG No.:	H2721
Lab Sample ID:	H2721-05DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027664.D	10		04/28/16 11:06	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.3	2.03	UD	1.15	2.03	2.03	ug/m3
108-90-7	Chlorobenzene	5	23.0	UD	0.69	4.61	23.0	ug/m3
100-41-4	Ethyl Benzene	5	21.7	UD	0.74	4.34	21.7	ug/m3
179601-23-1	m/p-Xylene	3.2	13.9	JD	1.35	8.69	43.4	ug/m3
95-47-6	o-Xylene	5	21.7	UD	0.74	4.34	21.7	ug/m3
100-42-5	Styrene	5	21.3	UD	0.51	4.26	21.3	ug/m3
75-25-2	Bromoform	5	51.7	UD	1.24	10.3	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	5	34.3	UD	1.17	6.87	34.3	ug/m3
95-49-8	2-Chlorotoluene	5	25.9	UD	0.78	5.18	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	5	24.6	UD	1.23	4.92	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	5	24.6	UD	1.23	4.92	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	5	30.1	UD	1.02	6.01	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	5	30.1	UD	1.8	6.01	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	5	30.1	UD	1.5	6.01	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	5	37.1	UD	2.97	7.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	5	53.3	UD	3.31	10.7	53.3	ug/m3
106-99-0	1,3-Butadiene	5	11.1	UD	0.49	2.21	11.1	ug/m3
91-20-3	Naphthalene	5	26.2	UD	2.25	5.24	26.2	ug/m3
622-96-8	4-Ethyltoluene	5	24.6	UD	0.74	4.92	24.6	ug/m3
110-54-3	Hexane	28.5	100	D	0.53	3.52	17.6	ug/m3
107-05-1	Allyl Chloride	5	15.6	UD	1.1	3.13	15.6	ug/m3
123-91-1	1,4-Dioxane	5	18.0	UD	3.53	14.4	18.0	ug/m3
80-62-6	Methyl Methacrylate	5	20.5	UD	0.7	4.09	20.5	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.2			65 - 135		102%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	967140		6.64				
540-36-3	1,4-Difluorobenzene	2090500		8.31				
3114-55-4	Chlorobenzene-d5	2108480		13.73				

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	ID3	SDG No.:	H2721
Lab Sample ID:	H2721-06	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027650.D	1		04/27/16 23:14	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.37	1.83	J	0.2	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.48	0.99	J	0.04	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.05	0.08	0.08	ug/m3
74-83-9	Bromomethane	0.5	1.94	U	0.08	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.5	1.32	U	0.08	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.5	1.47	U	0.09	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	4.5	25.3		0.11	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	3.83	U	0.15	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.5	3.49	U	0.14	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.5	2.19	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.5	1.52	U	0.12	0.3	1.52	ug/m3
142-82-5	Heptane	0.14	0.57	J	0.08	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-64-1	Acetone	0.5	1.19	U	0.02	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	0.5	1.56	U	0.06	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.5	1.8	U	0.07	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	0.5	1.74	U	0.07	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.5	2.02	U	0.04	0.4	2.02	ug/m3
110-82-7	Cyclohexane	0.6	2.07		0.07	0.34	1.72	ug/m3
78-93-3	2-Butanone	0.25	0.74	J	0.06	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.07	0.44		0.13	0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-66-3	Chloroform	0.5	2.44	U	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.05	0.16	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.25	1.17	J	0.09	0.47	2.34	ug/m3
71-43-2	Benzene	1.1	3.51		0.06	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.5	2.02	U	0.08	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.03	0.16	U	0.11	0.16	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.5	2.31	U	0.42	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.5	3.35	U	0.13	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.5	2.05	U	0.08	0.41	2.05	ug/m3
108-88-3	Toluene	2.2	8.29		0.04	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.5	2.73	U	0.11	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.5	4.26	U	0.09	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.5	3.84	U	0.15	0.77	3.84	ug/m3

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	ID3	SDG No.:	H2721
Lab Sample ID:	H2721-06	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027650.D	1		04/27/16 23:14	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.03	0.2	U	0.14	0.2	0.2	ug/m3
108-90-7	Chlorobenzene	0.5	2.3	U	0.09	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	0.5	2.17	U	0.09	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	1	4.34	U	0.13	0.87	4.34	ug/m3
95-47-6	o-Xylene	0.5	2.17	U	0.09	0.43	2.17	ug/m3
100-42-5	Styrene	0.5	2.13	U	0.04	0.43	2.13	ug/m3
75-25-2	Bromoform	0.5	5.17	U	0.1	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.5	3.43	U	0.14	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.5	2.59	U	0.1	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.5	2.46	U	0.1	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.5	2.46	U	0.1	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.5	3.01	U	0.18	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.5	3.71	U	0.3	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.5	5.33	U	0.32	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.5	1.11	U	0.04	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.5	2.62	U	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.5	2.46	U	0.1	0.49	2.46	ug/m3
110-54-3	Hexane	4.7	16.6		0.07	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.5	1.57	U	0.13	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.5	1.8	U	0.36	1.44	1.8	ug/m3
80-62-6	Methyl Methacrylate	0.5	2.05	U	0.08	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	9.7			65 - 135		97%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	980423		6.65				
540-36-3	1,4-Difluorobenzene	2141620		8.33				
3114-55-4	Chlorobenzene-d5	2007660		13.74				

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	OD1	SDG No.:	H2721
Lab Sample ID:	H2721-07	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027647.D	1		04/27/16 21:12	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.32	1.58	J	0.2	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.55	1.14		0.04	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.05	0.08	0.08	ug/m3
74-83-9	Bromomethane	0.5	1.94	U	0.08	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.5	1.32	U	0.08	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.5	1.47	U	0.09	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.26	1.46	J	0.11	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	3.83	U	0.15	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.5	3.49	U	0.14	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.5	2.19	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.5	1.52	U	0.12	0.3	1.52	ug/m3
142-82-5	Heptane	4.2	17.2		0.08	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-64-1	Acetone	0.5	1.19	U	0.02	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	0.5	1.56	U	0.06	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.5	1.8	U	0.07	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	0.5	1.74	U	0.07	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.5	2.02	U	0.04	0.4	2.02	ug/m3
110-82-7	Cyclohexane	3.1	10.7		0.07	0.34	1.72	ug/m3
78-93-3	2-Butanone	0.98	2.89		0.06	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.07	0.44		0.13	0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-66-3	Chloroform	0.5	2.44	U	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.05	0.16	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	5.8	27.1		0.09	0.47	2.34	ug/m3
71-43-2	Benzene	6.1	19.5		0.06	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.5	2.02	U	0.08	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.06	0.32		0.11	0.16	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.12	0.55	J	0.42	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.5	3.35	U	0.13	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.5	2.05	U	0.08	0.41	2.05	ug/m3
108-88-3	Toluene	27.9	105	E	0.04	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.5	2.73	U	0.11	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.5	4.26	U	0.09	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.5	3.84	U	0.15	0.77	3.84	ug/m3

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	OD1	SDG No.:	H2721
Lab Sample ID:	H2721-07	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027647.D	1		04/27/16 21:12	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.03	0.2	U	0.14	0.2	0.2	ug/m3
108-90-7	Chlorobenzene	0.5	2.3	U	0.09	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	1.4	6.08		0.09	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	4.5	19.6		0.13	0.87	4.34	ug/m3
95-47-6	o-Xylene	1.5	6.52		0.09	0.43	2.17	ug/m3
100-42-5	Styrene	0.11	0.47	J	0.04	0.43	2.13	ug/m3
75-25-2	Bromoform	0.5	5.17	U	0.1	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.5	3.43	U	0.14	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.5	2.59	U	0.1	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.22	1.08	J	0.1	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.75	3.69		0.1	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.5	3.01	U	0.18	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.5	3.71	U	0.3	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.5	5.33	U	0.32	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.5	1.11	U	0.04	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.5	2.62	U	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.26	1.28	J	0.1	0.49	2.46	ug/m3
110-54-3	Hexane	33.4	117	E	0.07	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.5	1.57	U	0.13	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.5	1.8	U	0.36	1.44	1.8	ug/m3
80-62-6	Methyl Methacrylate	0.5	2.05	U	0.08	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10			65 - 135		100%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	894476		6.66				
540-36-3	1,4-Difluorobenzene	2127250		8.34				
3114-55-4	Chlorobenzene-d5	2166180		13.75				

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	OD1DL	SDG No.:	H2721
Lab Sample ID:	H2721-07DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027649.D	10		04/27/16 22:32	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	5	24.7	UD	1.98	4.94	24.7	ug/m3
74-87-3	Chloromethane	5	10.3	UD	0.35	2.07	10.3	ug/m3
75-01-4	Vinyl Chloride	0.3	0.77	UD	0.38	0.77	0.77	ug/m3
74-83-9	Bromomethane	5	19.4	UD	0.7	3.88	19.4	ug/m3
75-00-3	Chloroethane	5	13.2	UD	0.82	2.64	13.2	ug/m3
109-99-9	Tetrahydrofuran	5	14.8	UD	0.88	2.95	14.8	ug/m3
75-69-4	Trichlorofluoromethane	5	28.1	UD	1.35	5.62	28.1	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	5	38.3	UD	1.15	7.66	38.3	ug/m3
76-14-2	Dichlorotetrafluoroethane	5	35.0	UD	1.19	6.99	35.0	ug/m3
593-60-2	Bromoethene	5	21.9	UD	1.14	4.37	21.9	ug/m3
75-65-0	tert-Butyl alcohol	5	15.2	UD	1.3	3.03	15.2	ug/m3
142-82-5	Heptane	2.5	10.2	JD	0.98	4.1	20.5	ug/m3
75-35-4	1,1-Dichloroethene	5	19.8	UD	0.67	3.96	19.8	ug/m3
67-64-1	Acetone	5	11.9	UD	0.29	2.38	11.9	ug/m3
75-15-0	Carbon Disulfide	5	15.6	UD	0.75	3.11	15.6	ug/m3
1634-04-4	Methyl tert-Butyl Ether	5	18.0	UD	0.54	3.61	18.0	ug/m3
75-09-2	Methylene Chloride	5	17.4	UD	0.59	3.47	17.4	ug/m3
156-60-5	trans-1,2-Dichloroethene	5	19.8	UD	0.67	3.96	19.8	ug/m3
75-34-3	1,1-Dichloroethane	5	20.2	UD	0.49	4.05	20.2	ug/m3
110-82-7	Cyclohexane	2.3	7.92	JD	0.83	3.44	17.2	ug/m3
78-93-3	2-Butanone	5	14.8	UD	0.65	2.95	14.8	ug/m3
56-23-5	Carbon Tetrachloride	0.3	1.89	UD	0.94	1.89	1.89	ug/m3
156-59-2	cis-1,2-Dichloroethene	5	19.8	UD	0.71	3.96	19.8	ug/m3
67-66-3	Chloroform	5	24.4	UD	0.73	4.88	24.4	ug/m3
71-55-6	1,1,1-Trichloroethane	0.3	1.64	UD	0.65	1.64	1.64	ug/m3
540-84-1	2,2,4-Trimethylpentane	4.4	20.6	JD	1.03	4.67	23.4	ug/m3
71-43-2	Benzene	4.8	15.3	JD	0.54	3.19	16.0	ug/m3
107-06-2	1,2-Dichloroethane	5	20.2	UD	0.61	4.05	20.2	ug/m3
79-01-6	Trichloroethene	0.3	1.61	UD	0.81	1.61	1.61	ug/m3
78-87-5	1,2-Dichloropropane	5	23.1	UD	3.93	4.62	23.1	ug/m3
75-27-4	Bromodichloromethane	5	33.5	UD	1.14	6.7	33.5	ug/m3
108-10-1	4-Methyl-2-Pentanone	5	20.5	UD	0.9	4.1	20.5	ug/m3
108-88-3	Toluene	24.6	92.7	D	0.45	3.77	18.8	ug/m3
10061-02-6	t-1,3-Dichloropropene	5	22.7	UD	1.09	4.54	22.7	ug/m3
10061-01-5	cis-1,3-Dichloropropene	5	22.7	UD	0.68	4.54	22.7	ug/m3
79-00-5	1,1,2-Trichloroethane	5	27.3	UD	1.2	5.46	27.3	ug/m3
124-48-1	Dibromochloromethane	5	42.6	UD	1.02	8.52	42.6	ug/m3
106-93-4	1,2-Dibromoethane	5	38.4	UD	1.15	7.69	38.4	ug/m3

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	04/21/16
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	04/22/16
Client Sample ID:	OD1DL	SDG No.:	H2721
Lab Sample ID:	H2721-07DL	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027649.D	10		04/27/16 22:32	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.3	2.03	UD	1.15	2.03	2.03	ug/m3
108-90-7	Chlorobenzene	5	23.0	UD	0.69	4.61	23.0	ug/m3
100-41-4	Ethyl Benzene	5	21.7	UD	0.74	4.34	21.7	ug/m3
179601-23-1	m/p-Xylene	2.2	9.56	JD	1.35	8.69	43.4	ug/m3
95-47-6	o-Xylene	5	21.7	UD	0.74	4.34	21.7	ug/m3
100-42-5	Styrene	5	21.3	UD	0.51	4.26	21.3	ug/m3
75-25-2	Bromoform	5	51.7	UD	1.24	10.3	51.7	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	5	34.3	UD	1.17	6.87	34.3	ug/m3
95-49-8	2-Chlorotoluene	5	25.9	UD	0.78	5.18	25.9	ug/m3
108-67-8	1,3,5-Trimethylbenzene	5	24.6	UD	1.23	4.92	24.6	ug/m3
95-63-6	1,2,4-Trimethylbenzene	5	24.6	UD	1.23	4.92	24.6	ug/m3
541-73-1	1,3-Dichlorobenzene	5	30.1	UD	1.02	6.01	30.1	ug/m3
106-46-7	1,4-Dichlorobenzene	5	30.1	UD	1.8	6.01	30.1	ug/m3
95-50-1	1,2-Dichlorobenzene	5	30.1	UD	1.5	6.01	30.1	ug/m3
120-82-1	1,2,4-Trichlorobenzene	5	37.1	UD	2.97	7.42	37.1	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	5	53.3	UD	3.31	10.7	53.3	ug/m3
106-99-0	1,3-Butadiene	5	11.1	UD	0.49	2.21	11.1	ug/m3
91-20-3	Naphthalene	5	26.2	UD	2.25	5.24	26.2	ug/m3
622-96-8	4-Ethyltoluene	5	24.6	UD	0.74	4.92	24.6	ug/m3
110-54-3	Hexane	28.7	101	D	0.53	3.52	17.6	ug/m3
107-05-1	Allyl Chloride	5	15.6	UD	1.1	3.13	15.6	ug/m3
123-91-1	1,4-Dioxane	5	18.0	UD	3.53	14.4	18.0	ug/m3
80-62-6	Methyl Methacrylate	5	20.5	UD	0.7	4.09	20.5	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10			65 - 135		100%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	1029610		6.65				
540-36-3	1,4-Difluorobenzene	2220590		8.33				
3114-55-4	Chlorobenzene-d5	2230310		13.74				

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

QC SUMMARY

Surrogate Summary

SDG No.: H2721Client: LaBella Associates P.C.Analytical Method: SWTO-15

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits	
						Low	High
H2721-01	SS1	1-Bromo-4-Fluorobenzene	10	11.11	111	65	135
H2721-01DL	SS1DL	1-Bromo-4-Fluorobenzene	10	10.11	101	65	135
H2721-02	ID1	1-Bromo-4-Fluorobenzene	10	9.6	96	65	135
H2721-03	SS2	1-Bromo-4-Fluorobenzene	10	10.34	103	65	135
H2721-03DL	SS2DL	1-Bromo-4-Fluorobenzene	10	10.21	102	65	135
H2721-04	ID2	1-Bromo-4-Fluorobenzene	10	9.6	96	65	135
H2721-05	SS3	1-Bromo-4-Fluorobenzene	10	10.34	103	65	135
H2721-05DL	SS3DL	1-Bromo-4-Fluorobenzene	10	10.24	102	65	135
H2721-06	ID3	1-Bromo-4-Fluorobenzene	10	9.67	97	65	135
H2721-07	OD1	1-Bromo-4-Fluorobenzene	10	10.04	100	65	135
H2721-07DL	OD1DL	1-Bromo-4-Fluorobenzene	10	9.97	100	65	135
H2721-07DUP	OD1DUP	1-Bromo-4-Fluorobenzene	10	10.09	101	65	135
VL0427ABL01	VL0427ABL01	1-Bromo-4-Fluorobenzene	10	9.87	99	65	135
VL0427ABS01	VL0427ABS01	1-Bromo-4-Fluorobenzene	10	10.52	105	65	135

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2721

Client: LaBella Associates P.C.

Analytical Method: SWTO-15

Datafile : VL027639.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VL0427ABS01	Dichlorodifluoromethane	10	10.3	ppbv	103			70	130	
	Chloromethane	10	9.2	ppbv	92			70	130	
	Vinyl Chloride	10	9.6	ppbv	96			70	130	
	Bromomethane	10	9.9	ppbv	99			70	130	
	Chloroethane	10	9.3	ppbv	93			70	130	
	Tetrahydrofuran	10	10	ppbv	100			70	130	
	Trichlorofluoromethane	10	10.3	ppbv	103			70	130	
	1,1,2-Trichlorotrifluoroethane	10	9.8	ppbv	98			70	130	
	Dichlorotetrafluoroethane	10	9.5	ppbv	95			70	130	
	Bromoethene	10	9.4	ppbv	94			70	130	
	tert-Butyl Alcohol	10	11.2	ppbv	112			70	130	
	Heptane	10	9.2	ppbv	92			70	130	
	1,1-Dichloroethene	10	9.5	ppbv	95			70	130	
	Acetone	10	7.3	ppbv	73			70	130	
	Carbon disulfide	10	10.4	ppbv	104			70	130	
	Methyl tert-butyl Ether	10	9.3	ppbv	93			70	130	
	Methylene Chloride	10	9.4	ppbv	94			70	130	
	trans-1,2-Dichloroethene	10	8.9	ppbv	89			70	130	
	1,1-Dichloroethane	10	9.1	ppbv	91			70	130	
	Cyclohexane	10	8.9	ppbv	89			70	130	
	2-Butanone	10	9.6	ppbv	96			70	130	
	Carbon Tetrachloride	10	10.6	ppbv	106			70	130	
	cis-1,2-Dichloroethene	10	9.2	ppbv	92			70	130	
	Chloroform	10	9.3	ppbv	93			70	130	
	1,1,1-Trichloroethane	10	9.7	ppbv	97			70	130	
	2,2,4-Trimethylpentane	10	9.8	ppbv	98			70	130	
	Benzene	10	9.4	ppbv	94			70	130	
	1,2-Dichloroethane	10	10.1	ppbv	101			70	130	
	Trichloroethene	10	9.6	ppbv	96			70	130	
	1,2-Dichloropropane	10	9.4	ppbv	94			70	130	
	Bromodichloromethane	10	10.3	ppbv	103			70	130	
	4-Methyl-2-Pentanone	10	10.3	ppbv	103			70	130	
	Toluene	10	9.5	ppbv	95			70	130	
	t-1,3-Dichloropropene	10	11	ppbv	110			70	130	
	cis-1,3-Dichloropropene	10	10.5	ppbv	105			70	130	
	1,1,2-Trichloroethane	10	9.5	ppbv	95			70	130	
	Dibromochloromethane	10	10.4	ppbv	104			70	130	
	1,2-Dibromoethane	10	9.9	ppbv	99			70	130	
	Tetrachloroethene	10	9.2	ppbv	92			70	130	
	Chlorobenzene	10	9.4	ppbv	94			70	130	
	Ethyl Benzene	10	9.7	ppbv	97			70	130	
	m/p-Xylene	20	19.3	ppbv	97			70	130	
	o-Xylene	10	9.8	ppbv	98			70	130	
	Styrene	10	10.3	ppbv	103			70	130	
	Bromoform	10	10.8	ppbv	108			70	130	
	1,1,2,2-Tetrachloroethane	10	10.1	ppbv	101			70	130	
	2-Chlorotoluene	10	9.8	ppbv	98			70	130	
	1,3,5-Trimethylbenzene	10	10	ppbv	100			70	130	
	1,2,4-Trimethylbenzene	10	10	ppbv	100			70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: H2721
Client: LaBella Associates P.C.
Analytical Method: SWTO-15

Datafile : VL027639.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	
									High	RPD
VL0427ABS01	1,3-Dichlorobenzene	10	10.3	ppbv	103			70	130	
	1,4-Dichlorobenzene	10	10.3	ppbv	103			70	130	
	1,2-Dichlorobenzene	10	10.4	ppbv	104			70	130	
	1,2,4-Trichlorobenzene	10	9.9	ppbv	99			70	130	
	Hexachloro-1,3-butadiene	10	9.2	ppbv	92			70	130	
	Naphthalene	10	10	ppbv	100			70	130	
	1,3-Butadiene	10	9.1	ppbv	91			70	130	
	4-Ethyltoluene	10	10	ppbv	100			70	130	
	Hexane	10	9.1	ppbv	91			70	130	
	Allyl Chloride	10	9.6	ppbv	96			70	130	
	1,4-Dioxane	10	11.4	ppbv	114			70	130	
	Methyl methacrylate	10	10.4	ppbv	104			70	130	

Duplicate Sample Summary

Lab Sample Id :	H2721-07DUP	H2721-07
Client Id :	OD1DUP	OD1
DF :	1	1
Datafile :	VL027648.D	VL027647.D
Anal Date & Time :	04/27/2016 21:54	04/27/2016 21:12

Parameter	Result	Result	RPD
1,1,1-Trichloroethane	0	0	0
1,1,2,2-Tetrachloroethane	0	0	0
1,1,2-Trichloroethane	0	0	0
1,1,2-Trichlorotrifluoroethane	0	0	0
1,1-Dichloroethane	0	0	0
1,1-Dichloroethene	0	0	0
1,2,4-Trichlorobenzene	0	0	0
1,2,4-Trimethylbenzene	0.79	0.75	5.2
1,2-Dibromoethane	0	0	0
1,2-Dichlorobenzene	0	0	0
1,2-Dichloroethane	0	0	0
1,2-Dichloropropane	0.13	0.12	8
1,3,5-Trimethylbenzene	0.25	0.22	12.8
1,3-Butadiene	0	0	0
1,3-Dichlorobenzene	0	0	0
1,4-Dichlorobenzene	0	0	0
1,4-Dioxane	0	0	0
2,2,4-Trimethylpentane	5.9	5.8	1.7
2-Butanone	1.1	0.98	11.5
2-Chlorotoluene	0	0	0
4-Ethyltoluene	0.28	0.26	7.4
4-Methyl-2-Pentanone	0	0	0
Acetone	0	0	0
Allyl Chloride	0	0	0
Benzene	6.2	6.1	1.6
Bromodichloromethane	0	0	0
Bromoethene	0	0	0
Bromoform	0	0	0
Bromomethane	0	0	0
Carbon Disulfide	0	0	0

Duplicate Sample Summary

Lab Sample Id :	H2721-07DUP	H2721-07
Client Id :	OD1DUP	OD1
DF :	1	1
Datafile :	VL027648.D	VL027647.D
Anal Date & Time :	04/27/2016 21:54	04/27/2016 21:12

Parameter	Result	Result	RPD
Carbon Tetrachloride	0.07	0.07	0
Chlorobenzene	0	0	0
Chloroethane	0	0	0
Chloroform	0	0	0
Chloromethane	0.59	0.55	7
cis-1,2-Dichloroethene	0	0	0
cis-1,3-Dichloropropene	0	0	0
Cyclohexane	3.1	3.1	0
Dibromochloromethane	0	0	0
Dichlorodifluoromethane	0.3	0.32	6.5
Dichlorotetrafluoroethane	0	0	0
Ethyl Benzene	1.5	1.4	6.9
Heptane	4.4	4.2	4.7
Hexachloro-1,3-Butadiene	0	0	0
Hexane	33.9	33.4	1.5
m/p-Xylene	4.6	4.5	2.2
Methyl Methacrylate	0	0	0
Methyl tert-Butyl Ether	0	0	0
Methylene Chloride	0	0	0
Naphthalene	0	0	0
o-Xylene	1.5	1.5	0
Styrene	0.11	0.11	0
t-1,3-Dichloropropene	0	0	0
tert-Butyl alcohol	0	0	0
Tetrachloroethene	0	0	0
Tetrahydrofuran	0	0	0
Toluene	28.7	27.9	2.8
trans-1,2-Dichloroethene	0	0	0
Trichloroethene	0	0.06	200 *
Trichlorofluoromethane	0.27	0.26	3.8
Vinyl Chloride	0	0	0

Duplicate Sample Summary

Lab Sample Id :

H2721-07DUP

H2721-07

Client Id :

OD1DUP

OD1

DF :

1

1

Datafile :

VL027648.D

VL027647.D

Anal Date & Time :

04/27/2016

21:54

04/27/2016

21:12

Parameter	Result	Result	RPD

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VL0427ABL01

Lab Name: CHEMTECH

Contract: LABE01

Lab Code: CHEM Case No.: H2721

SAS No.: H2721 SDG NO.: H2721

Lab File ID: VL027638.D

Lab Sample ID: VL0427ABL01

Date Analyzed: 04/27/2016

Time Analyzed: 15:16

GC Column: RTX-1 ID: 0.32 (mm)

Heated Purge: (Y/N) N

Instrument ID: MSVOA_L

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VL0427ABS01	VL0427ABS01	VL027639.D	04/27/2016
OD1	H2721-07	VL027647.D	04/27/2016
OD1DUP	H2721-07DUP	VL027648.D	04/27/2016
OD1DL	H2721-07DL	VL027649.D	04/27/2016
ID3	H2721-06	VL027650.D	04/27/2016
ID2	H2721-04	VL027652.D	04/28/2016
ID1	H2721-02	VL027654.D	04/28/2016
SS1	H2721-01	VL027656.D	04/28/2016
SS1DL	H2721-01DL	VL027657.D	04/28/2016
SS2	H2721-03	VL027659.D	04/28/2016
SS2DL	H2721-03DL	VL027660.D	04/28/2016
SS3	H2721-05	VL027663.D	04/28/2016
SS3DL	H2721-05DL	VL027664.D	04/28/2016

COMMENTS:

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: LABE01
Lab Code: CHEM Case No.: H2721 SAS No.: H2721 SDG NO.: H2721
Lab File ID: VL027550.D BFB Injection Date: 04/19/2016
Instrument ID: MSVOA_L BFB Injection Time: 13:44
GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	23.3
75	30.0 - 66.0% of mass 95	56.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 120.0% of mass 95	63.9
175	4.0 - 9.0% of mass 174	4.8 (7.4) 1
176	93.0 - 101.0% of mass 174	61.7 (96.6) 1
177	5.0 - 9.0% of mass 176	3.9 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICCC010	VSTDICCC010	VL027551.D	04/19/2016	14:24
VSTDICCC002	VSTDICCC002	VL027552.D	04/19/2016	15:05
VSTDICCC001	VSTDICCC001	VL027553.D	04/19/2016	15:46
VSTDICCC0.5	VSTDICCC0.5	VL027554.D	04/19/2016	16:26
VSTDICCC0.1	VSTDICCC0.1	VL027555.D	04/19/2016	17:06
VSTDICCC0.03	VSTDICCC0.03	VL027556.D	04/19/2016	17:47
VSTDICCC015	VSTDICCC015	VL027557.D	04/19/2016	18:28

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: LABE01
Lab Code: CHEM Case No.: H2721 SAS No.: H2721 SDG NO.: H2721
Lab File ID: VL027636.D BFB Injection Date: 04/27/2016
Instrument ID: MSVOA_L BFB Injection Time: 13:14
GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	8.0 - 40.0% of mass 95	25
75	30.0 - 66.0% of mass 95	58.7
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.6
173	Less than 2.0% of mass 174	0.5 (0.8) 1
174	50.0 - 120.0% of mass 95	61.6
175	4.0 - 9.0% of mass 174	4.4 (7.1) 1
176	93.0 - 101.0% of mass 174	58.9 (95.6) 1
177	5.0 - 9.0% of mass 176	3.8 (6.5) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC010	VSTDCCC010	VL027637.D	04/27/2016	13:54
VL0427ABL01	VL0427ABL01	VL027638.D	04/27/2016	15:16
VL0427ABS01	VL0427ABS01	VL027639.D	04/27/2016	15:56
OD1	H2721-07	VL027647.D	04/27/2016	21:12
OD1DUP	H2721-07DUP	VL027648.D	04/27/2016	21:54
OD1DL	H2721-07DL	VL027649.D	04/27/2016	22:32
ID3	H2721-06	VL027650.D	04/27/2016	23:14
ID2	H2721-04	VL027652.D	04/28/2016	00:34
ID1	H2721-02	VL027654.D	04/28/2016	01:54
SS1	H2721-01	VL027656.D	04/28/2016	03:14
SS1DL	H2721-01DL	VL027657.D	04/28/2016	03:53
SS2	H2721-03	VL027659.D	04/28/2016	05:12
SS2DL	H2721-03DL	VL027660.D	04/28/2016	05:51
SS3	H2721-05	VL027663.D	04/28/2016	10:27
SS3DL	H2721-05DL	VL027664.D	04/28/2016	11:06

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2721 SAS No.: H2721 SDG NO.: H2721
 Lab File ID: VL027637.D Date Analyzed: 04/27/2016
 Instrument ID: MSVOA_L Time Analyzed: 13:54
 GC Column: RTX-1 ID: 0.32 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	1078310	6.66	2511460	8.34	2583130	13.76
UPPER LIMIT	1509630	6.99	3516050	8.67	3616380	14.09
LOWER LIMIT	646984	6.33	1506880	8.01	1549880	13.43
EPA SAMPLE NO.						
SS1	925128	6.66	2303983	8.34	2345438	13.75
SS1DL	1071358	6.65	2423594	8.32	2524945	13.74
ID1	972056	6.65	2106750	8.33	2031450	13.74
SS2	964977	6.65	2229604	8.32	2357854	13.74
SS2DL	1022135	6.65	2219238	8.32	2288521	13.74
ID2	963668	6.65	2100615	8.32	1922014	13.74
SS3	953178	6.65	2245922	8.32	2307202	13.72
SS3DL	967140	6.64	2090498	8.31	2108476	13.73
ID3	980423	6.65	2141623	8.33	2007657	13.74
OD1	894476	6.66	2127254	8.34	2166177	13.75
OD1DL	1029606	6.65	2220592	8.33	2230307	13.74
OD1DUP	983772	6.66	2275672	8.34	2361326	13.75
VL0427ABL01	947767	6.66	2005174	8.33	2129386	13.75
VL0427ABS01	962721	6.67	2169336	8.34	2294333	13.76

IS1 = Bromochloromethane
 IS2 = 1,4-Difluorobenzene
 IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +40% of internal standard area
 AREA LOWER LIMIT = -40% of internal standard area
 RT UPPER LIMIT = +0.33 minutes of internal standard RT
 RT LOWER LIMIT = -0.33 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.

QC SAMPLE DATA

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	
Client Sample ID:	VL0427ABL01	SDG No.:	H2721
Lab Sample ID:	VL0427ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027638.D	1		04/27/16 15:16	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	0.5	2.47	U	0.2	0.49	2.47	ug/m3
74-87-3	Chloromethane	0.5	1.03	U	0.04	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	0.03	0.08	U	0.05	0.08	0.08	ug/m3
74-83-9	Bromomethane	0.5	1.94	U	0.08	0.39	1.94	ug/m3
75-00-3	Chloroethane	0.5	1.32	U	0.08	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	0.5	1.47	U	0.09	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	0.5	2.81	U	0.11	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	0.5	3.83	U	0.15	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	0.5	3.49	U	0.14	0.7	3.49	ug/m3
593-60-2	Bromoethene	0.5	2.19	U	0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	0.5	1.52	U	0.12	0.3	1.52	ug/m3
142-82-5	Heptane	0.5	2.05	U	0.08	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-64-1	Acetone	0.15	0.36	J	0.02	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	0.5	1.56	U	0.06	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	0.5	1.8	U	0.07	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	0.12	0.42	J	0.07	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	0.5	2.02	U	0.04	0.4	2.02	ug/m3
110-82-7	Cyclohexane	0.5	1.72	U	0.07	0.34	1.72	ug/m3
78-93-3	2-Butanone	0.5	1.47	U	0.06	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	0.03	0.19	U	0.13	0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	0.5	1.98	U	0.08	0.4	1.98	ug/m3
67-66-3	Chloroform	0.5	2.44	U	0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	0.03	0.16	U	0.05	0.16	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	0.5	2.34	U	0.09	0.47	2.34	ug/m3
71-43-2	Benzene	0.5	1.6	U	0.06	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	0.5	2.02	U	0.08	0.4	2.02	ug/m3
79-01-6	Trichloroethene	0.03	0.16	U	0.11	0.16	0.16	ug/m3
78-87-5	1,2-Dichloropropane	0.5	2.31	U	0.42	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	0.5	3.35	U	0.13	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	0.5	2.05	U	0.08	0.41	2.05	ug/m3
108-88-3	Toluene	0.5	1.88	U	0.04	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	0.5	2.27	U	0.09	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	0.5	2.73	U	0.11	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	0.5	4.26	U	0.09	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	0.5	3.84	U	0.15	0.77	3.84	ug/m3

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	
Client Sample ID:	VL0427ABL01	SDG No.:	H2721
Lab Sample ID:	VL0427ABL01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027638.D	1		04/27/16 15:16	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	0.03	0.2	U	0.14	0.2	0.2	ug/m3
108-90-7	Chlorobenzene	0.5	2.3	U	0.09	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	0.5	2.17	U	0.09	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	1	4.34	U	0.13	0.87	4.34	ug/m3
95-47-6	o-Xylene	0.5	2.17	U	0.09	0.43	2.17	ug/m3
100-42-5	Styrene	0.5	2.13	U	0.04	0.43	2.13	ug/m3
75-25-2	Bromoform	0.5	5.17	U	0.1	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	0.5	3.43	U	0.14	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	0.5	2.59	U	0.1	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	0.5	2.46	U	0.1	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	0.5	2.46	U	0.1	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	0.5	3.01	U	0.18	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	0.5	3.01	U	0.12	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	0.5	3.71	U	0.3	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	0.5	5.33	U	0.32	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	0.5	1.11	U	0.04	0.22	1.11	ug/m3
91-20-3	Naphthalene	0.5	2.62	U	0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	0.5	2.46	U	0.1	0.49	2.46	ug/m3
110-54-3	Hexane	0.5	1.76	U	0.07	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	0.5	1.57	U	0.13	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	0.5	1.8	U	0.36	1.44	1.8	ug/m3
80-62-6	Methyl Methacrylate	0.5	2.05	U	0.08	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	9.9			65 - 135		99%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	947767		6.66				
540-36-3	1,4-Difluorobenzene	2005170		8.33				
3114-55-4	Chlorobenzene-d5	2129390		13.75				

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	
Client Sample ID:	VL0427ABS01	SDG No.:	H2721
Lab Sample ID:	VL0427ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400 Units: mL		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027639.D	1		04/27/16 15:56	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
75-71-8	Dichlorodifluoromethane	10.3	50.9		0.2	0.49	2.47	ug/m3
74-87-3	Chloromethane	9.2	19		0.04	0.21	1.03	ug/m3
75-01-4	Vinyl Chloride	9.6	24.5		0.05	0.08	0.08	ug/m3
74-83-9	Bromomethane	9.9	38.4		0.08	0.39	1.94	ug/m3
75-00-3	Chloroethane	9.3	24.5		0.08	0.26	1.32	ug/m3
109-99-9	Tetrahydrofuran	10	29.5		0.09	0.29	1.47	ug/m3
75-69-4	Trichlorofluoromethane	10.3	57.9		0.11	0.56	2.81	ug/m3
76-13-1	1,1,2-Trichlorotrifluoroethane	9.8	75.1		0.15	0.77	3.83	ug/m3
76-14-2	Dichlorotetrafluoroethane	9.5	66.4		0.14	0.7	3.49	ug/m3
593-60-2	Bromoethene	9.4	41.1		0.13	0.44	2.19	ug/m3
75-65-0	tert-Butyl alcohol	11.2	34.0		0.12	0.3	1.52	ug/m3
142-82-5	Heptane	9.2	37.7		0.08	0.41	2.05	ug/m3
75-35-4	1,1-Dichloroethene	9.5	37.7		0.08	0.4	1.98	ug/m3
67-64-1	Acetone	7.3	17.3		0.02	0.24	1.19	ug/m3
75-15-0	Carbon Disulfide	10.4	32.4		0.06	0.31	1.56	ug/m3
1634-04-4	Methyl tert-Butyl Ether	9.3	33.5		0.07	0.36	1.8	ug/m3
75-09-2	Methylene Chloride	9.4	32.7		0.07	0.35	1.74	ug/m3
156-60-5	trans-1,2-Dichloroethene	8.9	35.3		0.08	0.4	1.98	ug/m3
75-34-3	1,1-Dichloroethane	9.1	36.8		0.04	0.4	2.02	ug/m3
110-82-7	Cyclohexane	8.9	30.6		0.07	0.34	1.72	ug/m3
78-93-3	2-Butanone	9.6	28.3		0.06	0.29	1.47	ug/m3
56-23-5	Carbon Tetrachloride	10.6	66.7		0.13	0.19	0.19	ug/m3
156-59-2	cis-1,2-Dichloroethene	9.2	36.5		0.08	0.4	1.98	ug/m3
67-66-3	Chloroform	9.3	45.4		0.1	0.49	2.44	ug/m3
71-55-6	1,1,1-Trichloroethane	9.7	52.9		0.05	0.16	0.16	ug/m3
540-84-1	2,2,4-Trimethylpentane	9.8	45.8		0.09	0.47	2.34	ug/m3
71-43-2	Benzene	9.4	30.0		0.06	0.32	1.6	ug/m3
107-06-2	1,2-Dichloroethane	10.1	40.9		0.08	0.4	2.02	ug/m3
79-01-6	Trichloroethene	9.6	51.6		0.11	0.16	0.16	ug/m3
78-87-5	1,2-Dichloropropane	9.4	43.4		0.42	0.46	2.31	ug/m3
75-27-4	Bromodichloromethane	10.3	69		0.13	0.67	3.35	ug/m3
108-10-1	4-Methyl-2-Pentanone	10.3	42.2		0.08	0.41	2.05	ug/m3
108-88-3	Toluene	9.5	35.8		0.04	0.38	1.88	ug/m3
10061-02-6	t-1,3-Dichloropropene	11	49.9		0.09	0.45	2.27	ug/m3
10061-01-5	cis-1,3-Dichloropropene	10.5	47.7		0.09	0.45	2.27	ug/m3
79-00-5	1,1,2-Trichloroethane	9.5	51.8		0.11	0.55	2.73	ug/m3
124-48-1	Dibromochloromethane	10.4	88.6		0.09	0.85	4.26	ug/m3
106-93-4	1,2-Dibromoethane	9.9	76.1		0.15	0.77	3.84	ug/m3

Report of Analysis

Client:	LaBella Associates P.C.	Date Collected:	
Project:	4185 Military Road, Niagara, NY TO-15	Date Received:	
Client Sample ID:	VL0427ABS01	SDG No.:	H2721
Lab Sample ID:	VL0427ABS01	Matrix:	Air
Analytical Method:	TO-15	Test:	TO-15
Sample Wt/Vol:	400	Units:	mL

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VL027639.D	1		04/27/16 15:56	VL042716

CAS Number	Parameter	Conc. ppbv	Conc. ug/M3	Qualifier	MDL	LOD	LOQ / CRQL	Units
127-18-4	Tetrachloroethene	9.2	62.4		0.14	0.2	0.2	ug/m3
108-90-7	Chlorobenzene	9.4	43.3		0.09	0.46	2.3	ug/m3
100-41-4	Ethyl Benzene	9.7	42.1		0.09	0.43	2.17	ug/m3
179601-23-1	m/p-Xylene	19.3	83.8		0.13	0.87	4.34	ug/m3
95-47-6	o-Xylene	9.8	42.6		0.09	0.43	2.17	ug/m3
100-42-5	Styrene	10.3	43.8		0.04	0.43	2.13	ug/m3
75-25-2	Bromoform	10.8	111		0.1	1.03	5.17	ug/m3
79-34-5	1,1,2,2-Tetrachloroethane	10.1	69.4		0.14	0.69	3.43	ug/m3
95-49-8	2-Chlorotoluene	9.8	50.7		0.1	0.52	2.59	ug/m3
108-67-8	1,3,5-Trimethylbenzene	10	49.2		0.1	0.49	2.46	ug/m3
95-63-6	1,2,4-Trimethylbenzene	10	49.2		0.1	0.49	2.46	ug/m3
541-73-1	1,3-Dichlorobenzene	10.3	61.9		0.12	0.6	3.01	ug/m3
106-46-7	1,4-Dichlorobenzene	10.3	61.9		0.18	0.6	3.01	ug/m3
95-50-1	1,2-Dichlorobenzene	10.4	62.5		0.12	0.6	3.01	ug/m3
120-82-1	1,2,4-Trichlorobenzene	9.9	73.5		0.3	0.74	3.71	ug/m3
87-68-3	Hexachloro-1,3-Butadiene	9.2	98.1		0.32	1.07	5.33	ug/m3
106-99-0	1,3-Butadiene	9.1	20.1		0.04	0.22	1.11	ug/m3
91-20-3	Naphthalene	10	52.4		0.21	0.52	2.62	ug/m3
622-96-8	4-Ethyltoluene	10	49.2		0.1	0.49	2.46	ug/m3
110-54-3	Hexane	9.1	32.1		0.07	0.35	1.76	ug/m3
107-05-1	Allyl Chloride	9.6	30.0		0.13	0.31	1.57	ug/m3
123-91-1	1,4-Dioxane	11.4	41.1		0.36	1.44	1.8	ug/m3
80-62-6	Methyl Methacrylate	10.4	42.6		0.08	0.41	2.05	ug/m3
SURROGATES								
460-00-4	1-Bromo-4-Fluorobenzene	10.5			65 - 135		105%	SPK: 10
INTERNAL STANDARDS								
74-97-5	Bromochloromethane	962721		6.67				
540-36-3	1,4-Difluorobenzene	2169340		8.34				
3114-55-4	Chlorobenzene-d5	2294330		13.76				

U = Not Detected

RL = Reporting Limit

MDL = Method Detection Limit

E = Value Exceeds Calibration Range

D = Dilution

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

Q = indicates LCS control criteria did not meet requirements

CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2721 SAS No.: H2721 SDG No.: H2721
 Instrument ID: MSVOA_L Calibration Date(s): 04/19/2016 04/19/2016
 Heated Purge: (Y/N) N Calibration Time(s): 14:24 18:28
 GC Column: RTX-1 ID: 0.32 (mm)

LAB FILE ID:	RRF010 = VL027551.D	RRF002 = VL027552.D	RRF001 = VL027553.D					
	RRF0.5 = VL027554.D	RRF0.1 = VL027555.D	RRF.03 = VL027556.D					
COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	RRF	% RSD
Dichlorodifluoromethane	1.132	1.291	1.507	1.719			1.350	19.4
Chloromethane	0.628	0.662	0.670	0.687			0.657	3.7
Vinyl Chloride	0.646	0.662	0.649	0.664	0.643	0.604	0.645	3.1
Bromomethane	0.437	0.441	0.441	0.454			0.442	1.5
Chloroethane	0.282	0.280	0.293	0.280			0.282	2.1
Tetrahydrofuran	0.379	0.388	0.370	0.358			0.375	3.1
Trichlorofluoromethane	1.740	1.833	1.823	1.874			1.815	2.7
1,1,2-Trichlorotrifluoroethane	1.154	1.256	1.241	1.230			1.209	3.9
Dichlorotetrafluoroethane	1.488	1.625	1.654	1.696			1.593	5.9
Bromoethene	0.481	0.483	0.483	0.501			0.485	2
tert-Butyl alcohol	1.070	1.055	0.972	0.905			1.007	6.8
Heptane	1.759	1.873	1.848	1.795			1.807	2.9
1,1-Dichloroethene	0.541	0.558	0.546	0.569			0.550	2.3
Acetone	1.131	1.854	1.850	1.921			1.581	25.6
Carbon Disulfide	1.535	1.510	1.402	1.295			1.457	7.3
Methyl tert-Butyl Ether	2.005	2.038	1.946	1.850			1.957	3.7
Methylene Chloride	0.494	0.525	0.560	0.587			0.534	7.3
trans-1,2-Dichloroethene	0.670	0.686	0.695	0.703			0.683	2.5
1,1-Dichloroethane	1.506	1.567	1.585	1.579			1.545	2.9
Cyclohexane	1.072	1.112	1.077	1.064			1.076	2
2-Butanone	0.640	0.720	0.704	0.680			0.679	4.9
Carbon Tetrachloride	0.656	0.688	0.690	0.651	0.587	0.584	0.650	7.2
cis-1,2-Dichloroethene	1.126	1.123	1.125	1.078			1.118	2
Chloroform	1.679	1.739	1.761	1.785			1.737	2.3
1,1,1-Trichloroethane	1.649	1.665	1.633	1.572	1.501	1.586	1.617	4.3
2,2,4-Trimethylpentane	1.681	1.889	1.911	1.843			1.791	7.1
Benzene	1.016	1.100	1.074	1.077			1.056	3.8
1,2-Dichloroethane	0.556	0.590	0.597	0.627			0.593	4.2
Trichloroethene	0.390	0.419	0.402	0.412	0.388	0.423	0.403	3.8
1,2-Dichloropropane	0.368	0.392	0.390	0.388			0.380	3.7
Bromodichloromethane	0.738	0.761	0.746	0.722			0.746	2.4
4-Methyl-2-Pentanone	0.853	0.894	0.866	0.769			0.852	5.7
Toluene	1.252	1.347	1.302	1.243			1.275	3.8

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2721 SAS No.: H2721 SDG No.: H2721
 Instrument ID: MSVOA_L Calibration Date(s): 04/19/2016 04/19/2016
 Heated Purge: (Y/N) N Calibration Time(s): 14:24 18:28
 GC Column: RTX-1 ID: 0.32 (mm)

LAB FILE ID:		RRF010 = VL027551.D		RRF002 = VL027552.D		RRF001 = VL027553.D		
		RRF0.5 = VL027554.D		RRF0.1 = VL027555.D		RRF.03 = VL027556.D		
COMPOUND	RRF010	RRF002	RRF001	RRF0.5	RRF0.1	RRF.03	RRF	% RSD
t-1,3-Dichloropropene	0.541	0.511	0.466	0.384			0.490	13.8
cis-1,3-Dichloropropene	0.645	0.639	0.595	0.519			0.610	9.1
1,1,2-Trichloroethane	0.420	0.444	0.444	0.442			0.433	3.4
Dibromochloromethane	0.643	0.615	0.572	0.531			0.599	7.9
1,2-Dibromoethane	0.627	0.631	0.609	0.592			0.615	2.5
Tetrachloroethene	0.400	0.403	0.389	0.403	0.385	0.369	0.391	3.2
Chlorobenzene	0.898	0.951	0.968	0.965			0.942	3.1
Ethyl Benzene	1.583	1.690	1.679	1.618			1.645	2.7
m/p-Xylene	1.246	1.366	1.395	1.324			1.328	4.3
o-Xylene	1.284	1.421	1.415	1.358			1.369	4
Styrene	0.564	0.553	0.519	0.418			0.530	13
Bromoform	0.515	0.471	0.406	0.348			0.451	16.1
1,1,2,2-Tetrachloroethane	0.839	0.949	0.951	0.916	0.846	0.875	0.896	5.1
2-Chlorotoluene	1.250	1.341	1.324	1.228			1.291	3.8
1,3,5-Trimethylbenzene	1.279	1.362	1.319	1.206			1.307	5.1
1,2,4-Trimethylbenzene	1.306	1.421	1.386	1.255			1.356	5.3
1,3-Dichlorobenzene	0.791	0.799	0.759	0.722			0.786	6.5
1,4-Dichlorobenzene	0.798	0.799	0.766	0.731			0.794	6.8
1,2-Dichlorobenzene	0.764	0.773	0.733	0.699			0.765	7.6
1,2,4-Trichlorobenzene	0.344	0.297	0.267	0.234			0.308	21
Hexachloro-1,3-Butadiene	0.272	0.240	0.230	0.213			0.255	16.8
1,3-Butadiene	0.608	0.694	0.672	0.683			0.653	6.4
Naphthalene	0.735	0.663	0.572	0.455			0.650	22.1
4-Ethyltoluene	1.359	1.423	1.383	1.232			1.368	6.1
1-Bromo-4-Fluorobenzene	0.708	0.715	0.724	0.718	0.733	0.725	0.725	2
Hexane	1.233	1.323	1.283	1.279			1.264	3.8
Allyl Chloride	0.902	0.889	0.850	0.906			0.888	2.5
1,4-Dioxane	68.562	64.070	66.730	51.929			62.932	10.3
Methyl Methacrylate	0.382	0.379	0.368	0.325			0.369	6.9

* Compounds with required minimum RRF and maximum %RSD values.
 All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2721 SAS No.: H2721 SDG No.: H2721
 Instrument ID: MSVOA_L Calibration Date/Time: 04/27/2016 13:54
 Lab File ID: VL027637.D Init. Calib. Date(s): 04/19/2016 04/19/2016
 Heated Purge: (Y/N) N Init. Calib. Time(s): 14:24 18:28
 GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	1.350	1.451		7.51	30
Chloromethane	0.657	0.663		1.02	30
Vinyl Chloride	0.645	0.668		3.62	30
Bromomethane	0.442	0.447		1.11	30
Chloroethane	0.282	0.281		-0.32	30
Tetrahydrofuran	0.375	0.395		5.17	30
Trichlorofluoromethane	1.815	1.916		5.54	30
1,1,2-Trichlorotrifluoroethane	1.209	1.239		2.46	30
Dichlorotetrafluoroethane	1.593	1.634		2.57	30
Bromoethene	0.485	0.487		0.39	30
tert-Butyl alcohol	1.007	1.190		18.18	30
Heptane	1.807	1.776		-1.74	30
1,1-Dichloroethene	0.550	0.556		1.07	30
Acetone	1.581	1.194		-24.47	30
Carbon Disulfide	1.457	1.625		11.49	30
Methyl tert-Butyl Ether	1.957	2.081		6.36	30
Methylene Chloride	0.534	0.515		-3.56	30
trans-1,2-Dichloroethene	0.683	0.668		-2.17	30
1,1-Dichloroethane	1.545	1.542		-0.23	30
Cyclohexane	1.076	1.018		-5.44	30
2-Butanone	0.679	0.682		0.44	30
Carbon Tetrachloride	0.650	0.716		10.25	30
cis-1,2-Dichloroethene	1.118	1.101		-1.47	30
Chloroform	1.737	1.702		-2.03	30
1,1,1-Trichloroethane	1.617	1.698		5	30
2,2,4-Trimethylpentane	1.791	1.791		-0.03	30
Benzene	1.056	1.042		-1.29	30
1,2-Dichloroethane	0.593	0.631		6.39	30
Trichloroethene	0.403	0.397		-1.54	30
1,2-Dichloropropane	0.380	0.382		0.45	30
Bromodichloromethane	0.746	0.797		6.85	30
4-Methyl-2-Pentanone	0.852	0.913		7.26	30
Toluene	1.275	1.262		-1.07	30
t-1,3-Dichloropropene	0.490	0.567		15.67	30
cis-1,3-Dichloropropene	0.610	0.670		9.8	30
1,1,2-Trichloroethane	0.433	0.422		-2.4	30
Dibromochloromethane	0.599	0.630		5.11	30
1,2-Dibromoethane	0.615	0.616		0.18	30
Tetrachloroethene	0.391	0.374		-4.17	30

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: LABE01
 Lab Code: CHEM Case No.: H2721 SAS No.: H2721 SDG No.: H2721
 Instrument ID: MSVOA_L Calibration Date/Time: 04/27/2016 13:54
 Lab File ID: VL027637.D Init. Calib. Date(s): 04/19/2016 04/19/2016
 Heated Purge: (Y/N) N Init. Calib. Time(s): 14:24 18:28
 GC Column: RTX-1 ID: 0.32 (mm)

COMPOUND	RRF	RRF010	MIN RRF	%D	MAX%D
Chlorobenzene	0.942	0.927		-1.61	30
Ethyl Benzene	1.645	1.649		0.21	30
m/p-Xylene	1.328	1.309		-1.44	30
o-Xylene	1.369	1.358		-0.82	30
Styrene	0.530	0.552		4.09	30
Bromoform	0.451	0.460		2.08	30
1,1,2,2-Tetrachloroethane	0.896	0.847		-5.44	30
2-Chlorotoluene	1.291	1.207		-6.5	30
1,3,5-Trimethylbenzene	1.307	1.204		-7.91	30
1,2,4-Trimethylbenzene	1.356	1.244		-8.26	30
1,3-Dichlorobenzene	0.786	0.702		-10.69	30
1,4-Dichlorobenzene	0.794	0.701		-11.67	30
1,2-Dichlorobenzene	0.765	0.650		-15	30
1,2,4-Trichlorobenzene	0.308	0.276		-10.44	30
Hexachloro-1,3-Butadiene	0.255	0.216		-15.54	30
1,3-Butadiene	0.653	0.625		-4.29	30
Naphthalene	0.650	0.595		-8.5	30
4-Ethyltoluene	1.368	1.309		-4.28	30
1-Bromo-4-Fluorobenzene	0.725	0.778		7.3	30
Hexane	1.264	1.206		-4.57	30
Allyl Chloride	0.888	0.922		3.82	30
1,4-Dioxane	62.932	69.422		10.31	30
Methyl Methacrylate	0.369	0.395		7.16	30

All other compounds must meet a minimum RRF of 0.010.
 RRF of 1,4-Dioxane = Value should be divide by 1000.

SHIPPING DOCUMENTS

CHEMTECH

284 Steinfeld Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 83

CHEMTECH Project No. :

Client Contact Information				Bottle Order ID : B1604087				Courier : 1 of 1 COCs																					
Client ID : LABE01				Project ID : 4185 Military Road, Niagara, NY				Sampler Name(s) : Jessica Domrowski																					
Customer Name : LaBella Associates P.C. Address : 300 State Street Suite 201 City : Rochester State : NY Zip Code : 14614 Country :				TO-15 Project Manager : JESSICA DOMROWSKI				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified																					
				Phone Number : 585-295-6253																									
				Fax Number : 5857702553																									
				Site Details:																									
Analysis Turnaround Time				Standard : 15 business days OR				Data Package Type :																					
Rush (Specify): 10 Days				EDD Type :																									
Sample Identification #	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	TO-15	Indoor/Ambient Air	Soil Gas												
SSI	4/21/16	1040	1340	30	1			-30	-3.5	10225	10285	6 L	25	VL027465.D	X														
Temperature (Fahrenheit) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start				Stop				GC/MS Analyst Signature (TO-15) 							
	Ambient	Maximum	Minimum																										
Start																													
Stop																													
Pressure (Inches of Hg) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start				Stop				** Submittal of this COC indicates approval of the analysis based on existing conditions Please follow the instructions on the back of this CO							
	Ambient	Maximum	Minimum																										
Start																													
Stop																													
Special Instructions/QC Requirements & Comments :																													
Suspected Contamination: High Medium Low PID Readings:																													
Sampling site (State):																													
Quick Connector required :																													
Canisters Shipped by: <i>[Signature]</i>				Date/Time: 4/21/16				Canisters Received by: <i>[Signature]</i>				Date/Time: 4/20/16																	
Samples Relinquished by: <i>[Signature]</i>				Date/Time: 4/21/16				Received by: UDS				Date/Time: 4/21/16																	
Relinquished by:				Date/Time:				Received by:				Date/Time:																	

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. :

Client Contact Information				Bottle Order ID : B1604087				Courier :				2 of 1 COCs																											
Client ID : LABE01				Project ID : 4185 Military Road, Niagara, NY				Sampler Name(s) Jessica Dombrowski				Analysis																											
Customer Name : LaBella Associates P.C.				TO-15 Project Manager JESSICA DOMBROWSKI				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified				<table border="1"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																											
Address : 300 State Street				Phone Number : 585-295-6253																																			
Suite 201				Fax Number : 5857702553																																			
City : Rochester				Site Details:																																			
State : NY				Analysis Turnaround Time																																			
Zip Code : 14614				Standard : 15 business days OR				Data Package Type :																															
Country :				Rush (Specify): 10 Days				EDD Type :																															
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	TO-15	Indoor/Ambient Air	Soil Gas																						
101	4/21/16	1040	1500	30	5			-30	-27	10571	10155	6 L	25	VL027465.D	☒																								
Temperature (Fahrenheit)										GC/MS Analyst Signature (TO-15)																													
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Start																																							
Stop																																							
Pressure (Inches of Hg)										** Submittal of this COC indicates approval of the analysis based on existing conditions. Please follow the instructions on the back of this COC																													
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Start																																							
Stop																																							
Special Instructions/QC Requirements & Comments :																																							
Suspected Contamination: High Medium Low PID Readings:																																							
Sampling site (State):																																							
Quick Connector required :																																							
Canisters Shipped by:				Date/Time: 4/21/16				Canisters Received by: LaBella				Date/Time: 4/20/16																											
Samples Relinquished by: LaBella				Date/Time: 4/21/16 1730				Received by: UPS				Date/Time: 4/21/16																											
Relinquished by:				Date/Time:				Received by:				Date/Time:																											

B1604087 - 1

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. :

Client Contact Information						Bottle Order ID : B1604087						Courier :						<u>3</u> of <u>7</u> COCs											
Client ID : LABE01						Project ID : 4185 Military Road, Niagara, NY						Sampler Name(s) : <u>Jessica Dombrowski</u>						Analysis						Matrix					
Customer Name : LaBella Associates P.C. Address : 300 State Street Suite 201 City : Rochester State : NY Zip Code : 14614 Country :						TO-15 Project Manager : JESSICA DOMBROWSKI						AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified																	
						Phone Number : 585-295-6253																							
						Fax Number : 5857702553																							
						Site Details:																							
						Analysis Turnaround Time						Data Package Type :																	
						Standard : 15 business days OR						EDD Type :																	
						Rush (Specify): <u>10</u> Days																							
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	IO-15	Indoor/Ambient Air						Soil Gas							
<u>SS2</u>	<u>4/21/16</u>	<u>11:15</u>	<u>10:15</u>	<u>80</u>	<u>3</u>			<u>-30</u>	<u>-27</u>	<u>10220</u>	<u>10294</u>	<u>6 L</u>	<u>25</u>	<u>VLD27465.D</u>	X														
Temperature (Fahrenheit)										GC/MS Analyst Signature (TO-15) 																			
		Ambient	Maximum	Minimum																									
Start																													
Stop																													
Pressure (Inches of Hg)										** Submittal of this COC indicates approval of the analysis based on existing conditions. Please follow the instructions on the back of this CO																			
		Ambient	Maximum	Minimum																									
Start																													
Stop																													
Special Instructions/QC Requirements & Comments :																													
Suspected Contamination: High Medium Low PID Readings:																													
Sampling site (State):																													
Quick Connector required :																													
Canisters Shipped by: <u>[Signature]</u>						Time: <u>4/18/16</u>						Canisters Received by: <u>LaBella</u>						Date/Time: <u>4/20/16</u>											
Samples Relinquished by: <u>[Signature]</u>						Time: <u>4/21/16</u>						Received by: <u>UPS</u>						Date/Time: <u>4/21/16</u>											
Relinquished by: <u>[Signature]</u>						Date/Time:						Received by:						Date/Time:											

CHEMTech

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. :

Client Contact Information						Bottle Order ID : B1604087				Courier :				4 of 1 COCs			
Client ID : LABE01 Project ID : 4185 Military Road, Niagara, NY						Sampler Name(s) : Jessica Dombrowski				Analysis				Matrix			
Customer Name : LaBella Associates P.C. Address : 300 State Street Suite 201 City : Rochester State : NY Zip Code : 14614 Country :						TO-15 Project Manager : JESSICA DOMBROWSKI				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified							
						Phone Number : 585-295-6253											
						Fax Number : 5857702553											
						Site Details:											
						Analysis Turnaround Time											
Standard : 15 business days OR						Data Package Type :											
Rush (Specify): 10 Days						EDD Type :											
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	TO-15	Indoor/Ambient Air	Soil Gas
ID2	4/21/16	11:55	15:30	28	5			-30	-3.1	10822	10409	6 L	25	VL027465.D	X		
Temperature (Fahrenheit)										GC/MS Analyst Signature (TO-15)							
		Ambient	Maximum	Minimum													
Start																	
Stop																	
Pressure (Inches of Hg)										** Submittal of this COC indicates approval of the analysis based on existing conditions Please follow the instructions on the back of this CO							
		Ambient	Maximum	Minimum													
Start																	
Stop																	
Special Instructions/QC Requirements & Comments :																	
Suspected Contamination: High Medium Low PID Readings:																	
Sampling site (State):																	
Quick Connector required :																	
Canisters Shipped by: [Signature]				Date/Time: 4/21/16				Canisters Received by: [Signature]				Date/Time: 4/21/16					
Samples Relinquished by: [Signature]				Date/Time: 4/21/16				Received by: VPS				Date/Time: 4/21/16					
Relinquished by:				Date/Time:				Received by:				Date/Time:					

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

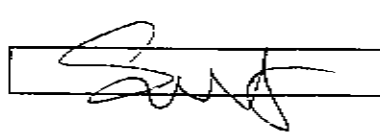
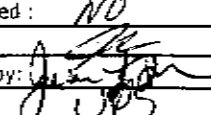
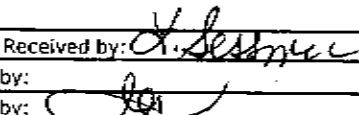
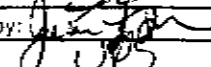
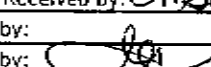
CHEMTECH Project No. :

Client Contact Information						Bottle Order ID : B1604087						Courier :						S of T COCs					
Client ID : LABE01						Project ID : 4185 Military Road, Niagara, NY						Sampler Name(s) : Jessica Dombrowski						Analysis Matrix					
Customer Name : LaBella Associates P.C. Address : 300 State Street Suite 201 City : Rochester State : NY Zip Code : 14614 Country :						TO-15 Project Manager : JESSICA DOMBROWSKI						AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified											
						Phone Number : 585-295-6253																	
						Fax Number : 5857702553																	
						Site Details:																	
						Analysis Turnaround Time																	
						Standard : 15 business days OR						Data Package Type :											
						Rush (Specify): 10 Days						EDD Type :											
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID									
S83	4/21/16	1130	1240	30	5			-30	-1.8	10714	10279	6 L	25	V1027465.D	X								
Temperature (Fahrenheit)										GC/MS Analyst Signature (TO-15) 													
	Ambient	Maximum	Minimum																				
Start																							
Stop																							
Pressure (Inches of Hg)										** Submittal of this COC indicates approval of the analysis based on existing condition Please follow the instructions on the back of this CO													
	Ambient	Maximum	Minimum																				
Start																							
Stop																							
Special Instructions/QC Requirements & Comments :																							
Suspected Contamination: High Medium Low PID Readings:																							
Sampling site (State):																							
Quick Connector required :																							
Canisters Shipped by:					Date/Time: 4/18/16					Canisters Received by: Labella					Date/Time: 4/20/16								
Samples Relinquished by: [Signature]					Date/Time: 4/21/16/17					Received by: UPS					Date/Time: 4/21/16								
Relinquished by:					Date/Time:					Received by:					Date/Time:								

CHEMTECH

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. :

Client Contact Information				Bottle Order ID : B1604087				Courier :				6 of 7 COCs																	
Client ID : LABE01				Project ID : 4185 Military Road, Niagara, NY				Sampler Name(s) : Jessica Dombrowski				Analysis		Matrix															
Customer Name : LaBella Associates P.C.				TO-15 Project Manager JESSICA DOMBROWSKI				AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified																					
Address : 300 State Street				Phone Number : 585-295-6253																									
Suite 201				Fax Number : 5857702553																									
City : Rochester				Site Details:																									
State : NY				Analysis Turnaround Time																									
Zip Code : 14614				Standard : 15 business days OR				Data Package Type :																					
Country :				Rush (Specify): 10 Days				EDD Type :																					
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	TO-15	Indoor/Ambient Air	Soil Gas												
103	4/21/16	11:30	15:50	30	27			-30	+2.8	10643	10289	6 L	25	VL027465.D	X														
Temperature (Fahrenheit) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start				Stop				GC/MS Analyst Signature (TO-15) 							
	Ambient	Maximum	Minimum																										
Start																													
Stop																													
Pressure (Inches of Hg) <table border="1"> <tr> <td></td> <td>Ambient</td> <td>Maximum</td> <td>Minimum</td> </tr> <tr> <td>Start</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Stop</td> <td></td> <td></td> <td></td> </tr> </table>											Ambient	Maximum	Minimum	Start				Stop				** Submittal of this COC indicates approval of the analysis based on existing conditions Please follow the instructions on the back of this CO							
	Ambient	Maximum	Minimum																										
Start																													
Stop																													
Special Instructions/QC Requirements & Comments :																													
Suspected Contamination: High Medium Low PID Readings:																													
Sampling site (State):																													
Quick Connector required : NO																													
Canisters Shipped by: 				Date/Time: 4/15/16				Canisters Received by: 				Date/Time: 4/21				B1604087 - 5													
Samples Relinquished by: 				Date/Time: 4/21/16 17:30				Received by: 				Date/Time:																	
Relinquished by: 				Date/Time: 4/22/16 10:40				Received by: 				Date/Time: 10:40 4/22/16																	

284 Sheffield Street, Mountainside, New Jersey 07092 Phone : 908 789 8900 Fax : 908 789 89

CHEMTECH Project No. :

Client Contact Information						Bottle Order ID : B1604087						Courier :						7 of 7 COCs					
Client ID : LABE01						Project ID : 4185 Military Road, Niagara, NY						Sampler Name(s) : JESSICA DOMBROWSKI						Analysis Matrix					
Customer Name : LaBella Associates P.C. Address : 300 State Street Suite 201 City : Rochester State : NY Zip Code : 14614 Country :						TO-15 Project Manager JESSICA DOMBROWSKI						AIR ANALYSIS CHAIN-OF-CUSTODY Batch Certified											
						Phone Number : 585-295-6253																	
						Fax Number : 5857702553																	
						Site Details:																	
						Analysis Turnaround Time																	
Standard : 15 business days OR						Data Package Type :																	
Rush (Specify): 10 Days						EDD Type :																	
Sample Identification	Sample Date(s)	Time Start (24 hr Clock)	Time Stop (24 hr Clock)	Can Vacuum in Field ("Hg) (Start)	Can Vacuum in Field ("Hg) (Stop)**	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Out going Can Pressure ("Hg)(Lab)	In coming Can Pressure ("Hg)(Lab)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout	Can Cert ID	TO-15				Indoor/Ambient Air	Soil Gas			
QDI	4/24/16	1145	1100	28	4			-30	-31	10562	10280	6 L	25	VL027465.D	X								
Temperature (Fahrenheit)										GC/MS Analyst Signature (TO-15)													
		Ambient	Maximum		Minimum																		
Start																							
Stop																							
Pressure (Inches of Hg)										** Submittal of this COC indicates approval of the analysis based on existing condition													
		Ambient	Maximum		Minimum																		
Start																							
Stop																							
Please follow the instructions on the back of this CO																							
Special Instructions/QC Requirements & Comments :																							
Suspected Contamination: High Medium Low PID Readings:																							
Sampling site (State):																							
Quick Connector required :																							
Canisters Shipped by:					Date/Time: 4/18/16					Canisters Received by: J. A. Bell					Date/Time: 4/20/16								
Samples Relinquished by: [Signature]					Date/Time: 4/21/16					Received by: [Signature]					Date/Time: 4/21/16								
Relinquished by:					Date/Time:					Received by:					Date/Time:								

Jordan Hedvat

From: Dombrowski, Jessica <JDombrowski@LaBellaPC.com>
Sent: Saturday, April 23, 2016 5:35 PM
To: Jordan@chemtech.net
Cc: Zebrowski, Adam
Subject: RE: Bottle Order - 4185 Military Road, Niagara, New York Phase II ESA

Jordan:

I saw the numbers on the COCs that say summa canister number....which none of those numbers corresponded to the numbers I saw on the actual summa canisters. I didn't realize it was a number on the tag (I was also in a hurry, trying to get these to UPS before it closed and just assumed this was a reference number for the lab or something). This is what I can tell you on my end as far as what canisters go with what sample. Let me know if this will be enough information for you to analyze.

Sample ID	Summa Canister #	Regulator #	Start Time	End Time	Starting Pressure	Ending Pressure
SS1	8001 10285	10225	1040	1340	30	0
ID1	2984 10155	10571	1040	1500	30	5
SS2	8045 10294	10220	1115	1515	30	3
ID2	3070 10409	10622	1115	1530	28	5
SS3	7994 10279	10714	1130	1540	30	5
ID3	8002 10289	10643	1130	1550	30	27
OD1	8008 10280	10562	1145	1600	28	4

*Please note that with ID3, the regulator barely went down (I don't know what was wrong with it). Hopefully you can find the corresponding tags with the summa canister number. If you can do that and tell me what they are, I can fill out the COCs with the correct samples.

I am so sorry for the confusion.

Jessica

Jessica Dombrowski

Environmental Analyst
 LaBella Associates, D.P.C.
 Direct: 716-710-3038 | jdombrowski@labellapc.com

From: Jordan Hedvat [mailto:Jordan@chemtech.net]
Sent: Friday, April 22, 2016 12:13 PM
To: Dombrowski, Jessica
Cc: Zebrowski, Adam
Subject: RE: Bottle Order - 4185 Military Road, Niagara, New York Phase II ESA

Hi Jessica,

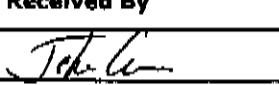
Hope all is well. Lab has received the air canisters for the Military Rd. air project and there are multiple discrepancies. We send out the air cans with tags and COCs that have the same associated canister number on them. It seems as

Internal Chain of Custody

Instructions: Use 1 form for each 20 samples of aliquot

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample	
Laboratory: Chemtech NARRANA	Location: 284 Sheffield Street, Mountainside, NJ 7092
Field Sample Seal No. H2721	Title: Sample Custodian
Case No.: 4185 Military Road, Niagar	Date Broken 4/22/2016 Military Time Seal Broken: 10:40:00
	Analytical Parameter/Fraction SUMMA Canister Rental

Sample No.	Allquot/Extract No.	Sample No.	Allquot/Extract No.
H2721-01	SS1		
H2721-02	ID1		
H2721-03	SS2		
H2721-04	ID2		
H2721-05	SS3		
H2721-06	ID3		
H2721-07	OD1		

Date	Time	Relinquished By	Received By	Purpose of Change of Custody
4/26/16	1400	Signature  Printed Name <i>CL</i>	Signature  Printed Name <i>J. C. Miller</i>	AIR-LAB-VOL
		Signature Printed Name	Signature Printed Name	
		Signature Printed Name	Signature Printed Name	
		Signature Printed Name	Signature Printed Name	
		Signature Printed Name	Signature Printed Name	
		Signature Printed Name	Signature Printed Name	
		Signature Printed Name	Signature Printed Name	

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AIR SAMPLE PRESSURE & DILUTION LOGBOOKAnalyst Signature: John CookSupervisor Signature: C. Wright

METHOD: TO-15

Pressure Gauge ID: A255971

Date	Sample Number	Canister #	Initial Pressure psia	Initial Pressure Hg	Final Pressure psia	Final Pressure Hg	Dilution Factor	Comment
4/14/15	H2596-02	10054	13.0	-3.5				sf
4/21/15	H2675-01	10264	11.0	-7.5				RC
	H2675-02	10316	10.6	-8.4				
	H2675-03	10050	11.2	-7.1				
	H2675-04	10298	11.0	-7.5				
	H2675-05	10447	11.6	-6.3				
	H2675-06	10606	11.0	-7.5				
	H2675-07	10303	11.0	-7.5				
	H2675-08	10490	10.2	-9.2				
	H2675-09	10326	11.2	-7.1				
4/21/16	H2682-01	10493	13.2	-3.1				RC
	H2682-02	10270	11.8	-5.9				+
4/25/16	H2721-01	10285	13.0	-3.5				RC
	H2721-02	10155	13.4	-2.7				
	H2721-03	10294	13.4	-2.7				
	H2721-04	10409	13.2	-3.1				
	H2721-05	10279	13.8	-1.8				
	H2721-06	10289	13.6	-2.2				
	H2721-07	10280	13.2	-3.1				

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: 102
 Client Name: Labella
 Project Name: 4185 Military Rd School
 Date: 4/21/16 Time: _____
 Analysis: VOCs by TO-15
 Comments: _____

Storage Location: Air Lab

CHEMTECH'S SAMPLE ID: _____

Sample: H2721-H2721-04

Date Received: _____ Expiration: _____

Cust Sample: ID2

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: SS3
 Client Name: Labella
 Project Name: 4185 Military Rd School
 Date: 4/21/16 Time: _____
 Analysis: VOCs by TO-15
 Comments: _____

Storage Location: Air Lab

CHEMTECH'S SAMPLE ID: _____

Sample: H2721-H2721-05

Date Received: _____ Expiration: _____

Cust Sample: SS3

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: 103
 Client Name: Labella
 Project Name: 4185 Military Rd School
 Date: 4/21/16 Time: _____
 Analysis: VOCs by TO-15
 Comments: _____

Storage Location: Air Lab

CHEMTECH'S SAMPLE ID: _____

Sample: H2721-H2721-06

Date Received: _____ Expiration: _____

Cust Sample: ID3

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: SS1
 Client Name: Labella
 Project Name: 4185 Military Rd School
 Date: 4/24/16 Time: _____
 Analysis: VOCs by TO-15
 Comments: _____

Storage Location: Air Lab

CHEMTECH'S SAMPLE ID:

Sample: H2721-H2721-01

Date Received: _____ Expiration: _____

Cust Sample: SS1

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: ID1
 Client Name: Labella
 Project Name: 4185 Military Rd School
 Date: 4/24/16 Time: _____
 Analysis: VOCs by TO-15
 Comments: _____

Storage Location: Air Lab

CHEMTECH'S SAMPLE ID:

Sample: H2721-H2721-02

Date Received: _____ Expiration: _____

Cust Sample: ID1

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: SS2
 Client Name: Labella
 Project Name: 4185 Military Rd School
 Date: 4/24/16 Time: _____
 Analysis: VOCs by TO-15
 Comments: _____

Storage Location: Air Lab

CHEMTECH'S SAMPLE ID:

Sample: H2721-H2721-03

Date Received: _____ Expiration: _____

Cust Sample: SS2

CHEMTECH

284 Sheffield Street, Mountainside, NJ 07092 P: (908) 789-8900 F: (908) 789-8922

Client Sample ID #: OP/
Client Name: Yorkville
Project Name: 4188 Anthony HS School
Date: 4/21/16 Time: _____
Analysis: VOCS by TCK
Comments: _____
Storage Location: Air Lab

CHEMTECH'S SAMPLE

Date Received: _____

Sample: H2721-H2721-07

Cust Sample: JD1

13-
0801

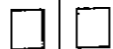
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TELEPHONE

J. Donaghy

LABELLA ASSOCIATES, D.P.C.

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BUFFALO

NY 14202

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TELEPHONE

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Buffalo, NY 14202

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Handwritten: J. Lombardi

LABELLA ASSOCIATES, D.P.C

300 PEARL STREET, SUITE 325

BUFFALO

NY 14202

DELIVERY TO

TELEPHONE

Handwritten: Onemtech

Handwritten: 284 Sheffield Street

Handwritten: Mount Pleasant, NJ 07092

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Handwritten: (2)

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H2721

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UPS ACCOUNT NO. **153E79**
REFERENCE NUMBER

TELEPHONE

LABELLA ASSOCIATES, D.P.C.
300 PEARL STREET, SUITE 325
BUFFALO NY 14202

DELIVERY TO
TELEPHONE

216 216
300 Pearl St
Buffalo, NY 14202
107092

0101911202809 1/10 S
United Parcel Service, Louisville, KY

WEIGHT	AIR	PAK	WEIGHT	DIMENSIONAL WEIGHT If Applicable	LARGE PACKAGE	SHIPPER RELEASE
	☐	☐	<i>15</i>		☐	☐

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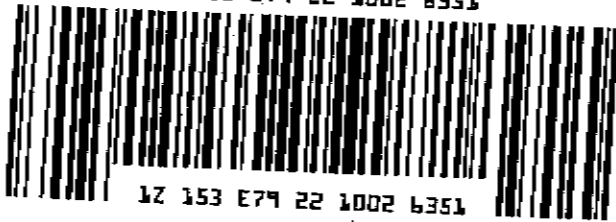
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1Z 153 E77 22 1002 6351

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300 PEARL STREET, SUITE 325

BUFFALO

NY 14202

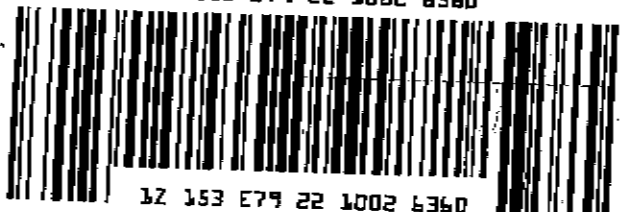
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Memphis
181 Sheffield Street
Memphis, TN 38104-2

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United Parcel Service, Louisville, KY

H2721
(4)

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	EP-W-14-030
Connecticut	PH-0649
DOD ELAP (L-A-B)	L2219
Florida	E87935
Louisiana	05035
Maine	2012025
Maryland	296
Massachusetts	M-NJ503
New Hampshire	255413
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-13-00380
Texas	T104704488-13-5

Internal Chain of Custody

Instructions: Use 1 form for each 20 samples of aliquot

Laboratory Person Breaking Field Seal on Sample Shuttle & Accepting Responsibility for Sample			
Laboratory: <u>Chemtech</u> <u>NORRANA</u> Field Sample Seal No. <u>H2721</u> Case No.: <u>4185 Military Road, Niagara</u>	Location: <u>284 Sheffield Street, Mountainside, NJ 7092</u> Title: <u>Sample Custodian</u> Date Broken <u>4/22/2016</u> Military Time Seal Broken: <u>10:40:00</u> Analytical Parameter/Fraction: <u>SUMMA Canister Rental</u>		

Sample No.	Aliquot/Extract No.	Sample No.	Aliquot/Extract No.
H2721-01	SS1		
H2721-02	ID1		
H2721-03	SS2		
H2721-04	ID2		
H2721-05	SS3		
H2721-06	ID3		
H2721-07	OD1		

Date	Time	Relinquished By	Received By	Purpose of Change of Custody
4/26/16	1400	Signature 	Signature 	AIR LAB - VOC
		Printed Name <u>CL</u>	Printed Name <u>JCARLOS</u>	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	
		Signature	Signature	
		Printed Name	Printed Name	

Distribution: White - Original (Sent With Report)

Yellow - Contractor Archive

Pink - Sample Custodian - Interim Copy

APPENDIX 3

Indoor Air Quality Questionnaire

**NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH**

This form must be completed for each residence involved in indoor air testing.

Preparer's Name Jessica Dombrowski Date/Time Prepared _____

Preparer's Affiliation Consultant Phone No. 716-710-3038

Purpose of Investigation Suspect UST located proximate the southeast exterior of the Site Building.

1. OCCUPANT:

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ☐)

Interviewed: Y / ☒ N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential
Industrial

☒ School
Church

vacant
Commercial/Multi-use
Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other: _____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors 2 w/ partial basement Building age _____

Is the building insulated? Y / N

How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

School in poor condition - most windows are boarded.

Infiltration into air ducts

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

- a. Above grade construction: wood frame concrete stone brick
- b. Basement type: full crawlspace slab other *partial - not under entire building.*
- c. Basement floor: concrete dirt stone other _____
- d. Basement floor: uncovered covered covered with *partially w/ tile but in very poor condition.*
- e. Concrete floor: unsealed sealed sealed with _____
- f. Foundation walls: poured block stone other _____
- g. Foundation walls: unsealed sealed sealed with _____
- h. The basement is: wet damp dry moldy
- i. The basement is: finished unfinished partially finished
Land in poor condition.
- j. Sump present? Y / N
- k. Water in sump? Y / N / not applicable

Basement/Lowest level depth below grade: _____ (feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

The building is in such poor condition that it was hard to identify drains/cracks, etc. - debris was covering the floor in most areas due to the ceiling caving in.

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	Other <u>not in use currently - natural gas previously.</u>
Space Heaters	Steam radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	

The primary type of fuel used is:

<u>Natural Gas</u>	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: unknown.

Boiler/furnace located in: Basement Outdoors Main Floor Other _____

Air conditioning: Central Air Window units Open Windows None

Are there air distribution ducts present? Y / N unknown.

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement Site is a former school that is currently
 1st Floor vacant & in very poor condition.
 2nd Floor _____
 3rd Floor _____
 4th Floor _____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

- a. Is there an attached garage? Y / (N)
- b. Does the garage have a separate heating unit? Y / N / (NA)
- c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / (NA)
 Please specify _____
- d. Has the building ever had a fire? Y / N Where? unknown
- e. Is a kerosene or unvented gas space heater present? Y / N Where? unknown
- f. Is there a workshop or hobby/craft area? Y / N Where & Type? unknown
- g. Is there smoking in the building? Y / (N) How frequently? _____
- h. Have cleaning products been used recently? Y / (N) When & Type? _____
- i. Have cosmetic products been used recently? Y / (N) When & Type? _____

j. Has painting/staining been done in the last 6 months? Y / ☒ N Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / ☒ N Where & When? _____

l. Have air fresheners been used recently? Y / ☒ N When & Type? _____

m. Is there a kitchen exhaust fan? Y / N If yes, where vented? unknown

n. Is there a bathroom exhaust fan? Y / N If yes, where vented? unknown

o. Is there a clothes dryer? Y / ☒ N If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / N When & Type? unknown

Are there odors in the building? ☒ Y / ☐ N

If yes, please describe: Mold / Mildew odors

Do any of the building occupants use solvents at work? Y / N plA - unoccupied
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist)

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)

Yes, work at a dry-cleaning service

☒ No
☐ Unknown

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply: Public ☒ Water Drilled Well Driven Well Dug Well Other: _____

Sewage Disposal: Public ☒ Sewer Septic Tank Leach Field Dry Well Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

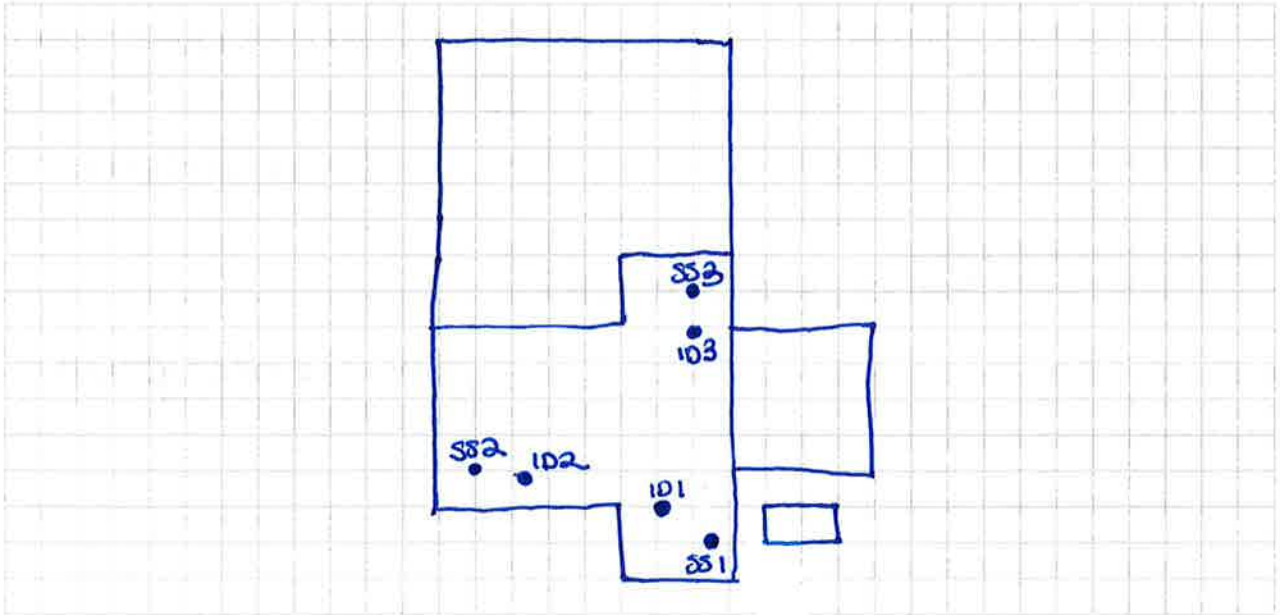
d. Relocation package provided and explained to residents? Y / N

not occupied

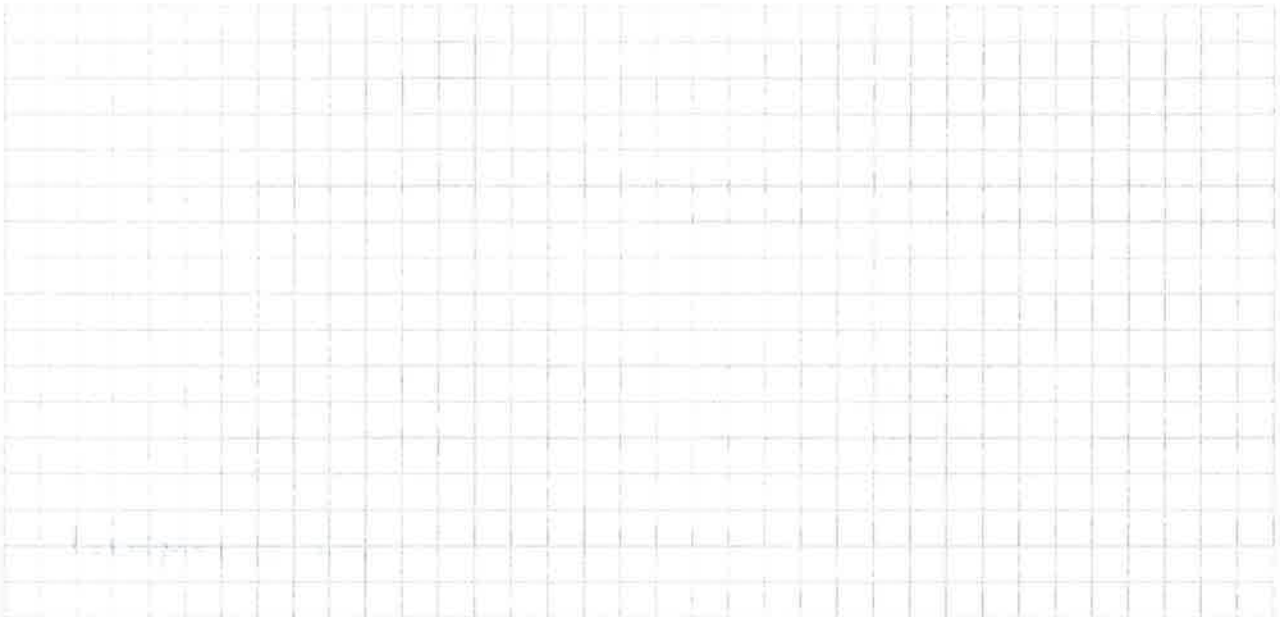
11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



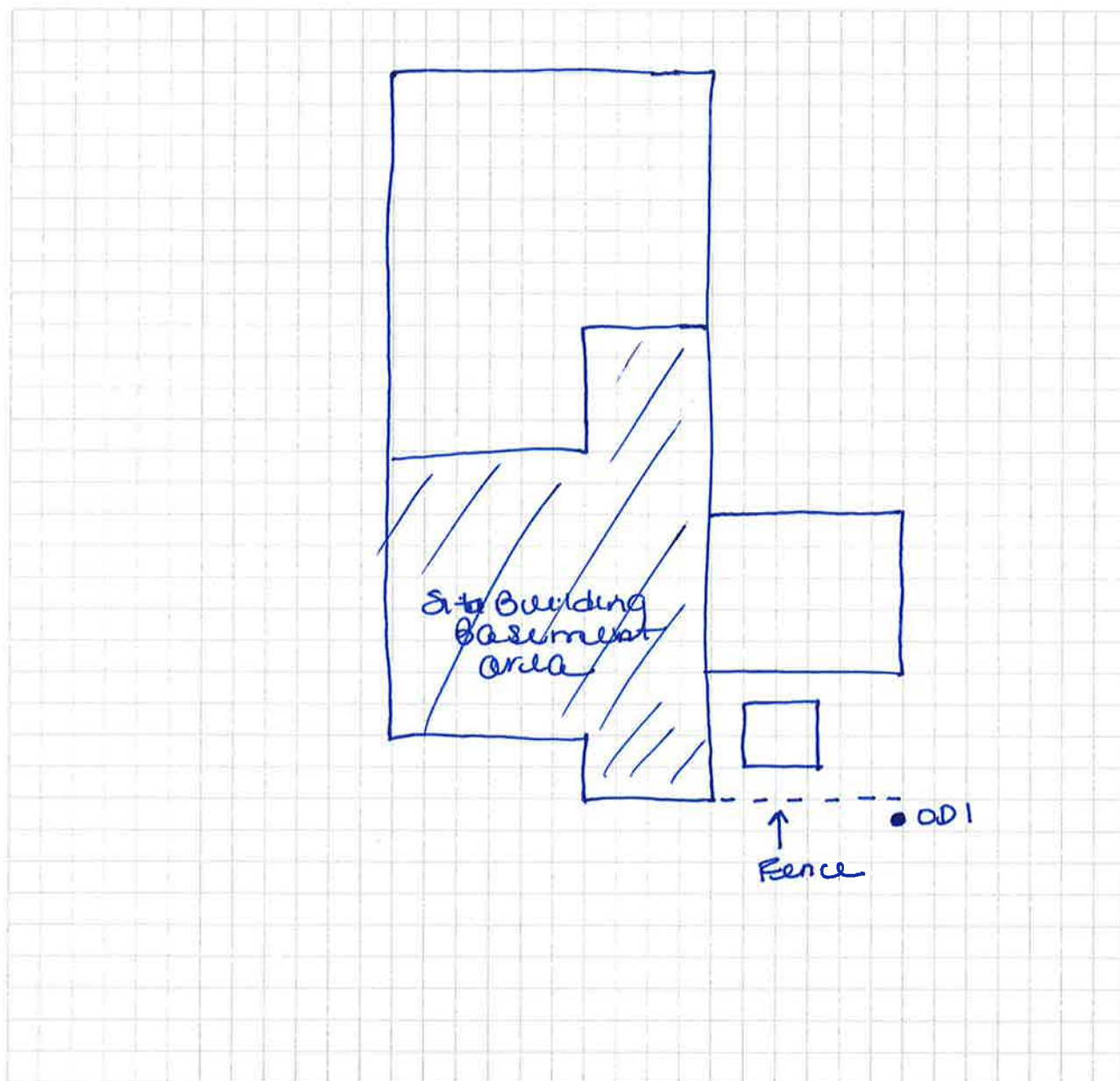
First Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

[illegible]

* Describe the condition of the product containers as **Unopened (UO)**, **Used (U)**, or **Deteriorated (D)**

**** Photographs of the front and back of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.**

APPENDIX 4

Data Usability Summary Report

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
harry@frontiernet.net

June 21, 2016

Christopher Kibler
LaBella Associates P.C.
300 State St Suite 201
Rochester, NY 14614

RE: Validation of the 4185 Military Road Site Analytical Data
Data Usability Summary Report (DUSR)
Chemtech SDG Nos. H2720, H2721, H2730, and H2802

Dear Mr. Kibler:

Review has been completed for the data packages noted above, generated by Chemtech, that pertain to the samples collected between 04/21/16 and 04/27/16 at the 4185 Military Road site. Fourteen soil samples and a field duplicate were processed for TCL volatiles, TCL semivolatiles, TCL pesticides, TCL PCBs, and RCRA Metals. Four aqueous samples and a field duplicate were processed for TCL and CP51 volatiles, TCL semivolatiles, TCL pesticides, and RCRA metals. Two soil samples were processed for CP-51 volatiles, CP-51 semivolatiles, TCL Pesticides, TCL PCBs, and RCRA metals. Three soil samples and a field duplicate were processed for TCL and CP-51 volatiles and TCL semivolatiles. Seven 6L summa canister air samples were processed for volatiles. The soil and aqueous samples were also analyzed for Tentatively Identified Compounds (TICs). Trip blanks are also processed. The analytical methodologies are those of the USEPA SW846 6000/7000/8000 and TO-15.

The data package submitted by the laboratory contains full deliverables for validation, but this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, in accordance with the project QAPP, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology. The following items were reviewed:

- * Data Completeness
- * Case Narrative
- * Custody Documentation
- * Holding Times
- * Surrogate and Internal Standard Recoveries
- * Blank Contamination
- * Matrix Spike Recoveries/Duplicate Correlations
- * Field Duplicate Correlations
- * Laboratory Control Samples (LCS)
- * Instrument Performance
- * Initial and Continuing Calibration Standards
- * ICP Serial Dilution Evaluation
- * Method Compliance
- * Sample Result Verification

The data review includes evaluation of the specific items noted in The NYS DER-10 Appendix B section 2.0 (c). The items listed above that show deficiencies are discussed within the text of this narrative. The laboratory QC forms illustrating the excursions can be found within the laboratory data packages. Parameters relating to field activities are not evaluated in this report.

In summary, most sample results are usable either as reported, or with minor qualification. However, the following exceptions are noted:

- results for one volatile analyte in all samples are rejected due to inherent low processing responses. This analyte is also reported in the semivolatile fraction of the samples
- eleven of the fifteen volatile analytes in one stockpile sample are rejected due to a matrix effect
- two semivolatile analytes in one aqueous sample are not usable due to an apparent matrix effect

Other than the lack of usable data for much of the volatile data for one sample, data completeness, matrix accuracy and precision, analytical method comparability, sensitivity, and representativeness are acceptable.

Copies of the client sample identifications are attached to this text. Also included with the submission are the qualified laboratory EQUIS deliverables.

Sample Receipt

Only one of the seven custody forms associated with the air samples show entries for laboratory receipt. There were also no laboratory receipt entries on the custody associated with the samples reported in SDG H2730. The associated login forms were erroneously annotated to indicate that the custody forms were filled in correctly.

Custody forms associated with samples reported in SDG H2720 show uninitialed writeovers.

The temperatures of the SDGs H2720 and H2730 sample coolers were not entered onto the provided custody form field. The login forms states the samples were cold at receipt.

Due to significant damage during transit, there was insufficient sample to process the pesticide fraction of DUP.

Field Duplicate Correlations

The field duplicate was collected at soil location SS1 and aqueous location MW-4. Correlations fall within the validation guidelines.

The evaluation for the aqueous pesticide fraction was not possible due to breakage during transit.

TCL and CP-51 Volatile Analyses by EPA 8260C

Stockpile-2 showed outlying internal and surrogate standards. The responses for two of the internal standard (IS) were so low that the results for undetected analytes associated with those ISs are rejected and not usable, and detected associated analytes are qualified as estimated. All except five of the target volatile analytes are rejected in that sample.

Due to outlying associated internal standard responses, the results for fifteen analytes in TP-5D24, SS-2, and SS-6 are qualified as estimated.

The detections of benzene in MW-2 and MW-3 are qualified as tentative in identification and estimated in value due to poor mass spectral quality.

The detection of 1,3,5-trimethylbenzene in Stockpile 2 is edited to reflect non-detection due to very poor mass spectral quality, and then rejected due to poor associated internal standard response.

The results for 1,4-dioxane in the samples are rejected due to poor calibration standard instrument response ($RRF < 0.01$) that is inherent in the methodology. The QC calibration summary forms in the data packages mis-state the RRFs for that compound as being one thousand times higher than they actually are.

Other calibration standards (ICV/CCVs) show acceptable responses, with the exception of those for vinyl chloride and bromomethane (29%D and 30%D) in the calibration associated with the aqueous samples. The results for those compounds are qualified as estimated in those samples.

Matrix spike recovery and duplicate correlation evaluations were performed on SS5 and MW-1. They show acceptable accuracy and precision, with the exception of that for acetone (39%; 37%RPD) in SS-5, the result for which is qualified as estimated in that sample.

Holding times were met, and blanks show no contamination. Instrument tunes show acceptable fragmentation.

Tentatively Identified Compounds (TICs) that are identified (reported with a CAS number) should have been flagged by the laboratory as "N" to indicate tentative identification.

TCL and CP-51 Semivolatiles by EPA 8270D

The results for 4-chloroaniline and 3,3'-dichlorobenzidine in MW-1 are rejected due to recoveries below 10% in the matrix spikes of that sample. The matrix spikes of SS-5 and MW-1 show other recoveries and correlations as being acceptable, with the exception of those for 1,4-dioxane in MW-1, results of which are qualified as estimated in that parent sample.

The detection of benzaldehyde in MW-1 is qualified as tentative in identification and estimated in value due to poor mass spectral quality.

Results for 1,4-dioxane in the aqueous samples are qualified as estimated in value, with a low bias, due to a low recovery (62%) in the associated LCS.

Holding times were met, and blanks show no contamination. Instrument tunes show acceptable fragmentation.

Calibration standards show acceptable responses, with the exception of the following, results for which are qualified as estimated in the indicated associated samples:

- benzo(g,h,i)perylene (23%D) in samples DUP, TP-6D02, and TP-18D24
- benzo(k)fluoranthene (21%D) in samples SS2, SS3, SS4, SS6, SS7, TP-14D02, and TP-3D02

TICs reported with the "A" and/or "B" flags are extraction artifacts that are to be removed from consideration as sample components. Those identified with a CAS number should have been flagged as "N". Corrections to those values have not been performed during validation, and the end-user of the data should realize that the values are not as accurate as implied.

Some samples were processed only at dilution. This results in proportionally elevated reporting samples.

TCL Pesticides and PCBs by EPA 8081B and 8082A

The detection of 4,4'-DDE in SS4 is qualified as tentative in identification and estimated in value due to elevated dual column quantitative correlations.

Soil surrogate and matrix spike (MS) recoveries are within ranges utilized by the laboratory. However, it is noted that fourteen of the MS spiked analytes and one of the two surrogate standards were evaluated by the laboratory using low limit recoveries of only either 10%, 11% or 12%. The acceptance ranges are too wide to provide proper evaluation of matrix effects on the data and also enables a large variance when determining accuracy.

The matrix spikes of pesticides and Aroclors 1016 and 1260 in SS5 and MW-1 show acceptable recoveries and correlations.

Holding times were met, and blanks show no contamination. Some of the pesticide calibration standards show outlying responses on one of the two analytical columns.

TP-6D02 shows two components in the pesticide analysis chromatogram that dwarf the responses of the surrogate standards and any potential target analytes. Integration reports are provided as edited by the analyst, and therefore, independent confirmation of reported non-detections in the sample is not possible.

TAL Metals Analyses by EPA 6010C, 6020, 7470A, and 7471A

The matrix spikes of SS5 and MW-1 show recoveries and correlations within recommended ranges, with the following exceptions, results for which are qualified as estimated in value in the indicated parent sample:

<u>Parent Sample</u>	<u>Element</u>	<u>Outlying % Recoveries</u>
SS5	selenium	67,70
	silver	48,52

The ICP serial dilution evaluations of SS5 and MW-1 show acceptable correlations, with the following exceptions, results for which are qualified as estimated, with a low bias, in that sample:

<u>Parent Sample</u>	<u>Element</u>	<u>%Difference</u>
SS5	barium	20
	chromium	26

Instrument performance is compliant, and the blanks show no contamination affecting sample reported results.

Volatiles in Air by EPA TO-15

Due to very poor mass spectral quality, the detection of carbon tetrachloride in SS1 is edited to reflect non-detection at elevated reporting limits. The result for styrene in SS1 is qualified as tentative in identification and estimated in value to poor mass spectral quality.

The detection of methylene chloride in SS3 is considered contamination and edited to reflect non-detection, due to presence in the associated method blank.

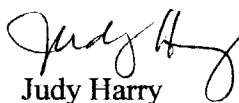
The results for analytes initially flagged with the laboratory "E" flag are derived from the dilution analyses of the samples.

The laboratory duplicate of OD1 shows acceptable correlations.

Holding times and instrument tunes meet requirements. Surrogate and internal standard responses are within required limits. Initial and continuing calibration standard responses were within validation guidelines, with all response factors (RRFs) above 0.05 and linearity within the 30%RSD limit. The continuing calibration responses are below 30%D.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,


Judy Harry

Att: Validation Qualifier Definitions
Client and Laboratory Sample Identifications
Qualified EDDs

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Client and Laboratory Sample IDs

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORM S-I

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sample ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
TP-3D02	H2720-01	8260C	8270D				Chemtech -SOP
TP-1D46	H2720-02	8260C	8270D				Chemtech -SOP
TP-5D24	H2720-03	8260C	8270D				Chemtech -SOP
TRIPBLANK	H2720-04	8260C	8270D				Chemtech -SOP
SS1	H2720-05	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
SS2	H2720-06	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
SS3	H2720-07	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
SS4	H2720-08	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
SS5	H2720-09	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
SS6	H2720-12	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
SS7	H2720-13	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
DUP	H2720-14	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
TP-6D02	H2720-15	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
TP-8D46	H2720-16	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
TP-10D46	H2720-17	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
TP-11D24	H2720-18	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
TP-13D24	H2720-19	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
TP-14D02	H2720-20	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP
TP-18D24	H2720-21	8260C	8270D		8081B	6010C, 7471A	Chemtech -SOP

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORM S-1

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sampl ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
SS1	H2721-01	TO-15					
ID1	H2721-02	TO-15					
SS2	H2721-03	TO-15					
ID2	H2721-04	TO-15					
SS3	H2721-05	TO-15					
ID3	H2721-06	TO-15					
OD1	H2721-07	TO-15					



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORM S-1

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sampl ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
STOCKPILE-1	H2730-01	8260C	8270D		8081B, 8082A	6010C, 7471A	Chemtech -SOP
STOCKPILE-2	H2730-02	8260C	8270D		8081B, 8082A	6010C, 7471A	Chemtech -SOP

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
FORM S-1

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

NYSDEC Sample ID/Code	Laboratory Sampl ID/Code	VOA GC/MS (Method #)	BNA GC/MS (Method #)	VOA GC (Method #)	Pest PCBs (Method #)	Metals (Method #)	Other (Method #)
MW-1	H2802-01	8260C	8270D		8081B	6010B, 7470A	
MW-2	H2802-04	8260C	8270D		8081B	6010B, 7470A	
MW-3	H2802-05	8260C	8270D		8081B	6010B, 7470A	
MW-4	H2802-06	8260C	8270D		8081B	6010B, 7470A	
DUP	H2802-07	8260C	8270D		8081B	6010B, 7470A	
TRIPBLANK	H2802-08	8260C	8270D		8081B	6010B, 7470A	