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900.001

April 3, 2016

Mr. Alan J. Knauf, Esq.
Flint Redevelopment LLC
c/o Knauf Shaw LLP
1400 Crossroads Building
2 State Street
Rochester, New York 14614

Re: Phase II Environmental Site Investigation Report
936 Exchange Street and 22 Flint Street
Rochester, New York

Dear Mr. Knauf:

Leader Professional Services, Inc. ("Leader") is pleased to present this Phase II Environmental Site Investigation ("Phase II") Report to Flint Redevelopment LLC for the property located at 936 Exchange and 22 Flint Street in Rochester, New York ("Site"). The goal of the project was to evaluate potential Recognized Environmental Conditions ("RECs") at the subject Site and the impacts from the Vacuum Oil-New York State Department of Environmental Conservation ("NYSDEC") Inactive Hazardous Waste Disposal Site ("IHWDS") and the Spill site associated with Vacuum Oil-NYSDEC Spill number 0370583.

SCOPE OF WORK

Leader completed the project following the scope of work provided in our proposal to you dated March 3, 2016. During the project several unanticipated situations occurred, which changed our scope of work:

- The participation of ExxonMobil's consultant Roux Associates with the sampling, which increased and extended the sampling into the following day.

- The collection of two additional soil samples.

ExxonMobil requested the Roux Associates ("Roux") to participate in the Phase II, when Leader found evidence of free product petroleum and petroleum impacted soils in the borings. ExxonMobil requested that Leader duplicate the sampling conducted on Thursday March 10, 2016 again on Friday March 11, 2016 when Roux could be on the Site. In order for the sample results to be as consistent as possible, Leader split samples with Roux and submitted those samples to ESC Lab Sciences Corporation ("ESC") for analysis. Because of the time constraints, including obtaining access to the property, Rouxs' available time in

Rochester and the sample shipping deadline, the monitoring well at soil boring location B-7 was not sampled.

Findings

To evaluate the subsurface conditions on the property, Leader conducted an investigation which included the sampling of nine soil borings and converting four of the soil borings into permanent monitoring wells. The sample collection was performed using Geoprobe™ track mounted equipment pushing a 4-foot long sampler into the ground. A new clear acrylic sampling sleeve was used for each sample. The monitoring wells were constructed using 1-inch diameter PVC monitoring well screen and riser pipe. Figure 1 shows the locations of the soil borings and monitoring wells.

Prior to the start of sampling, Leader obtained underground utilities clearance by requesting a utility stake out with Dig Safely New York and checking each location using ground penetrating radar.

The materials found during the sampling of the soil borings included miscellaneous fill materials consisting of gravel, soil, brick, asphalt-covered fine gravel and cinders ranging in depth from 3.0 to 7.0 feet below the ground surface. The natural soils and sediments consisted of fine sand, silt, and clay layers. Mixtures of these materials were also commonly found in the borings, but infrequently gravel was found with these materials. Many of the soil borings could not penetrate beyond approximately 11.5 feet because of a compacted till or large gravel layer. Groundwater was encountered between 4.2 and 7.7 feet below the ground surface. Attachment 1 provides copies of Leader's soil boring logs.

Each sample was screened with a portable organic vapor meter using a photoionization detector ("PID"). Leader visually inspected each sample and also noted any odors or presence of free product. Also, these observations are noted on the soil boring logs and on Table 1. In general, all of the samples, with perhaps the exception of the upper 1.0 to 2.0 feet of fill, possessed a faint to strong petroleum odor, but many of these registered only a slight response of less than 10 parts per million ("ppm") on the PID. Strong PID responses were found in some soil intervals between 4 and 11.5 feet below the ground surface and these ranged from 35 to over 200 ppm. Along with the elevated PID response evidence of free product was observed and was exhibited as a sheen on the soil samples and droplets of oil on the groundwater sampling bailers.

The soil samples were analyzed for USEPA's Target Compound List ("TCL") volatile organic compounds ("VOCs") using USEPA Methods 5035 and 8260 and Method 8270 for polynuclear aromatic hydrocarbons ("PAHs") related to petroleum. Method 5035 divides the Method 8260 analysis into two samples; one sample is preserved with a solution of Methanol and the other sample is preserved in a solution of water and Sodium Bisulfite. The preservatives and water were both provided with the sample bottles by ESC. Groundwater samples were analyzed using USEPA Method 8260 for TCL VOCs and PAHs using Method 8270 SIMS. Three samples were also sent to Torkelson Geochemistry,

Incorporated for hydrocarbon fingerprinting. Samples from the following soil borings were submitted to Torkelson: B-1 the sample from 7.0 feet below the ground surface; B-6 the sample from 9 to 10 feet below the ground surface; and B-8 the sample from 5.0 to 6.0 feet below the ground surface.

Table 2 provides the sample results compared to Title 6 of the New York State Code Rules and Regulations ("6 NYCRR") Part 375 unrestricted use Soil Cleanup Objectives ("SCO"). None of the detected contaminant concentrations exceeded the unrestricted use SCO, however, in several instances the reporting limit of the analysis exceeded the SCO. These values are provided in bold on Table 2. Table 3 attached compares the soil sample results to those of NYSDEC's Commissioner's Policy 51 ("CP-51") where 2-Methylnapthalene exceeded the SCO of 0.41 milligrams per kilogram ("mg/Kg") for residential property. 2-Methylnaphthalene was found in the sample from soil boring B-6 at a depth of 9 to 10 feet below the ground surface at a concentration of 3.13 mg/Kg. 2-Methylnaphthalene does not have a guidance value for restricted residential, commercial, or industrial settings in either CP-51 or 6 NYCRR Part 375. The soil sample results are also summarized on Figure 2 attached.

The soil sample analysis also found VOCs and PAHs at concentration that do not exceed the 6 NYCRR Part 375 unrestricted use SCO or the CP-51 residential SCO. These included the following compounds: Benzene, Ethylbenzene, N-Butylbenzene, sec-Butylbenzene, tert-Butylbenzene, Chlorobenzene, Isopropyltoluene, Methylene Chloride, Anthracene, Acenaphthylene, Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fuoranthene, Benzo(ghi)perylene, Benzo(k)fluoranthene, Chrysene, Fluoranthene, Fluorene, indeno(1,2,3-cd)pyrene, Naphthalene, Phenanthrene, Pyrene, and 1-Methylnaphthalene.

The groundwater analytical results are presented on Table 4 and compared to NYSDEC Class GA groundwater quality criteria found in 6 NYCRR Part 703.5 ("groundwater criteria"). Chrysene and Benzo(a)anthracene were found at concentrations which exceeded NYSDEC's groundwater quality criteria. Each of the samples exceeded the Chrysene groundwater criteria of 0.002 micrograms per liter ("µg/L"). The detected concentrations of Chrysene in groundwater range from 0.057µg/L in the groundwater sample from monitoring well B-9 to 4.95 µg/L in the sample from monitoring well B-5. The samples obtained from monitoring wells B-2 and B-5 were found to have Benzo(a)anthracene at concentrations which exceed the groundwater criteria of 0.002 µg/L. The sample from monitoring well B-2 contained Benzo(a)anthracene at a concentration of 0.386 µg/L and the sample from monitoring well B-5 contained a concentration of 3.26 µg/L. All three monitoring well samples B-2, B-5 and B-9 detected Benzo(b)Fluoranthene and Benzo(k)Fluoranthene, however, the laboratory's reporting limits exceeded the groundwater quality criteria of 0.002 µg/L.

In addition to the aforementioned compounds which exceeded the groundwater criteria, other volatile organic compounds and PAHs were reported that either do not have a standard or were found at concentrations below standards. These compounds include:

- Methyl cyclohexane at a concentration of 12.7 µg/L in the sample from monitoring well B-5.

- Methyl tert butylether at a concentration of 1.14 µg/L in the sample from monitoring well B-2 and at a concentration of 3.94 µg/L in the sample from monitoring well B-5. The groundwater quality criteria for MTBE is 10 µg/L.

- Acenapthalene was found at a concentration of 0.312 µg/L in the sample from monitoring well B-2 and 1.38 µg/L in the sample from monitoring well B-5.

- Benzo(a) pyrene was found at a concentration of 0.125 µg/L in the sample from monitoring well B-2.

- 1-Methyl naphthalene was found at a concentration of 0.626 µg/L in the sample from monitoring well B-2.

- Benzo(ghi)perylene was found at a concentration of 0.675 µg/L in the sample from monitoring well B-9.

The results from Torkelson Geochemistry, Inc. are presented as Appendix 2. The chromatographs from soil boring sample B-1 shows a highly weathered gasoline and lubricating oil. The sample from B-6 shows a weathered fuel oil or diesel fuel. It is also possible because of the weathering of the contaminants, that these chromatographs are the signatures of some intermediate product in the petroleum refining process, since Vacuum Oil refined crude oil on the Site. The sample from B-8, however, is different and suggests a spill that might have occurred within the last 20 years. This is based on the concentration ratios between the different compounds.

Summary

The findings in both the soil and groundwater show mixed results; there is visual evidence of gross contamination, but the analytical results show only minor amounts of PAHs and even lower amounts of VOCs. This indicates that the contamination present consists of chemical compounds not within the range of detectable compounds normally analyzed for using methods appropriate for the quantification of TCL VOCs and PAHs. Since approximately 100 years have lapsed from when the property began refining petroleum, it is possible that either the contaminants normally associated with oil, gasoline or fuel oil have either been weathered, lowering the individual compound concentrations, or the degradation processes have removed the volatile compounds entirely. The contamination present on the east side of the Site, based on the sample analysis of the B-8 soil sample, could be from a later spill of petroleum possibly including gasoline, but occurring in the last 20 years.

During the completion of the soil sampling conducted on March 10, 2016 the NYSDEC was notified of a spill because of the gross contamination found on the soil and groundwater. Spill number 1511740 was assigned to the 936 Exchange Street, Rochester Site address.

The use of the Geoprobe method of investigating the Site, although cheaper than other sampling and drilling methods it can also be limiting, because dense materials such as glacial till or fractured bedrock can stop the advancement of the sampling tools. We would recommend additional investigation with either hollow stem auger style sampling and drilling equipment or rotary equipment to investigate the deeper water bearing units.

If you have any questions regarding our report please call us at 585-248-2413.

Very truly yours,
LEADER PROFESSIONAL SERVICES, INC.

Peter von Schondorf
Senior Project Manager

Michael P. Rumrill
President

Enclosures as noted

TABLE 1
Soil Sample PID Response and Free Product Observations
22 Flint Street and 396 Exchange Street
Flint Redevelopment LLC
Rochester, New York

Soil Interval/Sampling Location Id.	B-1	B-2	B-3	B-4	B-5	B-6	B-7	B-8	B-9
0-2	BG PID	BG PID	BG PID	BG PID	BG PID	BG PID	BG PID	BG PID	BG PID
2-4	17 ppm	BG PID	6.5 ppm	5 ppm	BG PID Petroleum odor.	BG PID	0.7 ppm Possible free product	39 ppm	BG PID
4-6	BG PID	BG PID	BG PID	7.5 ppm	BG PID	234 ppm	BG PID	121 ppm	BG PID
6-8	249 ppm Sheen on sample.	Sheen on WT and on samples. Petroleum odor.	11.6 ppm Petroleum odor.	Boring terminated at 4.5 ft.	92 ppm, Petroleum odor. Sheen on WT	98 ppm	BG PID, Sheen on WT. Petroleum odor.	24 ppm	BG PID
8-10	Boring terminated at 7.8 ft.	BG PID	Boring terminated at 8 ft.		Stained soil.	54 ppm	BG PID	Boring terminated at 8.2 ft.	BG PID
10-12		7.5 ppm Sheen on samples, petroleum odor.			7.5 ppm	BK PID	BK PID		10 ppm
12-14		Boring terminated at 12.4 ft.			Boring terminated at 11.5 ft.	Boring terminated at 11.4 ft.	Boring terminated at 12.2 ft.		Boring terminated at 12 ft.

Notes:
BG PID = Background levels recorded on portable organic vapor analyzer with a photoionization detector.

ppm = part per million based on PID calibration using an Isobutylene gas.

Table 2
Soil Sample Results Compared to Unrestricted Use Soil Cleanup Objectives
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-01		L823238-02	
		Client Sample ID/Sample Depth in Feet	B-1 7 FT		B-2 12 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	Part 375 Unrestricted Use SCOs	Result	Qualifier	Result	Qualifier
TOTAL SOLIDS	%	No Standard	81.9		82.4	
ACETONE	mg/kg	0.05	<0.562		<0.525	
ACRYLONITRILE	mg/kg	No Standard	<0.112		<0.105	
BENZENE	mg/kg	0.06	0.0125		<0.0105	
BROMOBENZENE	mg/kg	No Standard	<0.0112		<0.0105	
BROMODICHLOROMETHANE	mg/kg	No Standard	<0.0112		<0.0105	
BROMOFORM	mg/kg	No Standard	<0.0112		<0.0105	
BROMOMETHANE	mg/kg	No Standard	<0.0562		<0.0525	
N-BUTYLBENZENE	mg/kg	12	0.0132		<0.0105	
SEC-BUTYLBENZENE	mg/kg	11	0.0587		<0.0105	
TERT-BUTYLBENZENE	mg/kg	5.9	0.0286		0.0499	
CARBON TETRACHLORIDE	mg/kg	0.76	<0.0112		<0.0105	
CHLOROBENZENE	mg/kg	1.1	0.933		<0.0105	
CHLORODIBROMOMETHANE	mg/kg	No Standard	<0.0112		<0.0105	
CHLOROETHANE	mg/kg	No Standard	<0.0562		<0.0525	
2-CHLOROETHYL VINYL ETHER	mg/kg	No Standard	<0.562		<0.525	
CHLOROFORM	mg/kg	0.37	<0.0562		<0.0525	
CHLOROMETHANE	mg/kg	No Standard	<0.0281		<0.0262	
2-CHLOROTOLUENE	mg/kg	No Standard	<0.0112		<0.0105	
4-CHLOROTOLUENE	mg/kg	No Standard	<0.0112		<0.0105	
1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	No Standard	<0.0562		<0.0525	
1,2-DIBROMOETHANE	mg/kg	No Standard	<0.0112		<0.0105	
DIBROMOMETHANE	mg/kg	No Standard	<0.0112		<0.0105	
1,2-DICHLOROBENZENE	mg/kg	1.1	<0.0112		<0.0105	

Notes:
SCO = Soil Cleanup Objectives
mg/Kg = milligrams per kilogram

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		Lab Sample ID	L823238-01		L823238-02	
		Client Sample ID/Sample Depth in Feet	B-1 7 FT		B-2 12 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	Part 375 Unrestricted Use SCOs	Result	Qualifier	Result	Qualifier
1,3-DICHLOROBENZENE	mg/kg	2.4	<0.0112		<0.0105	
1,4-DICHLOROBENZENE	mg/kg	1.8	<0.0112		<0.0105	
DICHLORODIFLUOROMETHANE	mg/kg	No Standard	<0.0562		<0.0525	
1,1-DICHLOROETHANE	mg/kg	0.27	<0.0112		<0.0105	
1,2-DICHLOROETHANE	mg/kg	0.02	<0.0112		<0.0105	
1,1-DICHLOROETHENE	mg/kg	0.33	<0.0112		<0.0105	
CIS-1,2-DICHLOROETHENE	mg/kg	0.25	<0.0112		<0.0105	
TRANS-1,2-DICHLOROETHENE	mg/kg	0.19	<0.0112		<0.0105	
1,2-DICHLOROPROPANE	mg/kg	No Standard	<0.0112		<0.0105	
1,1-DICHLOROPROPENE	mg/kg	No Standard	<0.0112		<0.0105	
1,3-DICHLOROPROPANE	mg/kg	No Standard	<0.0112		<0.0105	
CIS-1,3-DICHLOROPROPENE	mg/kg	No Standard	<0.0112		<0.0105	
TRANS-1,3-DICHLOROPROPENE	mg/kg	No Standard	<0.0112		<0.0105	
2,2-DICHLOROPROPANE	mg/kg	No Standard	<0.0112		<0.0105	
DI-ISOPROPYL ETHER	mg/kg	No Standard	<0.0112		<0.0105	
ETHYLBENZENE	mg/kg	1	<0.0112		<0.0105	
HEXACHLORO-1,3-BUTADIENE	mg/kg	No Standard	<0.0112		<0.0105	
ISOPROPYLBENZENE	mg/kg	No Standard	0.028		<0.0105	
P-ISOPROPYLTOLUENE	mg/kg	No Standard	<0.0112		<0.0105	
2-BUTANONE (MEK)	mg/kg	0.12	<0.112		<0.105	
METHYLENE CHLORIDE	mg/kg	0.05	**<0.0562**		**<0.0525**	
4-METHYL-2-PENTANONE (MIBK)	mg/kg	No Standard	<0.112		<0.105	
METHYL TERT-BUTYL ETHER	mg/kg	0.93	<0.0112		<0.0105	
NAPHTHALENE	mg/kg	12	<0.0562		<0.0525	

Notes:
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mg/Kg = milligrams per kilogram

Table 2
Soil Sample Results Compared to Unrestricted Use Soil Cleanup Objectives
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-01		L823238-02	
		Client Sample ID/Sample Depth in Feet	B-1 7 FT		B-2 12 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	Part 375 Unrestricted Use SCOs	Result	Qualifier	Result	Qualifier
N-PROPYLBENZENE	mg/kg	3.9	<0.0112		<0.0105	
STYRENE	mg/kg	No Standard	<0.0112		<0.0105	
1,1,1,2-TETRACHLOROETHANE	mg/kg	No Standard	<0.0112		<0.0105	
1,1,2,2-TETRACHLOROETHANE	mg/kg	No Standard	<0.0112		<0.0105	
1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg	No Standard	<0.0112		<0.0105	
TETRACHLOROETHENE	mg/kg	1.3	<0.0112		<0.0105	
TOLUENE	mg/kg	0.7	<0.0562		<0.0525	
1,2,3-TRICHLOROBENZENE	mg/kg	No Standard	<0.0112		<0.0105	
1,2,4-TRICHLOROBENZENE	mg/kg	No Standard	<0.0112		<0.0105	
1,1,1-TRICHLOROETHANE	mg/kg	0.68	<0.0112		<0.0105	
1,1,2-TRICHLOROETHANE	mg/kg	No Standard	<0.0112		<0.0105	
TRICHLOROETHENE	mg/kg	0.47	<0.0112		<0.0105	
TRICHLOROFLUOROMETHANE	mg/kg	No Standard	<0.0562		<0.0525	
1,2,3-TRICHLOROPROPANE	mg/kg	No Standard	<0.0281		<0.0262	
1,2,4-TRIMETHYLBENZENE	mg/kg	3.6	<0.0112		<0.0105	
1,2,3-TRIMETHYLBENZENE	mg/kg	No Standard	<0.0112		<0.0105	
VINYL CHLORIDE	mg/kg	0.02	<0.0112		<0.0105	
1,3,5-TRIMETHYLBENZENE	mg/kg	8.4	<0.0112		<0.0105	
XYLENES, TOTAL	mg/kg	0.26	<0.0338		<0.0315	
ANTHRACENE	mg/kg	100	<0.12		<0.12	
ACENAPHTHENE	mg/kg	20	<0.12		<0.12	
ACENAPHTHYLENE	mg/kg	100	<0.12		<0.12	
BENZO(A)ANTHRACENE	mg/kg	1	<0.12		<0.12	
BENZO(A)PYRENE	mg/kg	1	<0.12		<0.12	

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Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-01		L823238-02	
		Client Sample ID/Sample Depth in Feet	B-1 7 FT		B-2 12 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	Part 375 Unrestricted Use SCOs	Result	Qualifier	Result	Qualifier
BENZO(B)FLUORANTHENE	mg/kg	1	<0.12		<0.12	
BENZO(G,H,I)PERYLENE	mg/kg	100	<0.12		<0.12	
BENZO(K)FLUORANTHENE	mg/kg	0.8	<0.12		<0.12	
CHRYSENE	mg/kg	1	<0.12		<0.12	
DIBENZ(A,H)ANTHRACENE	mg/kg	0.33	<0.12		<0.12	
FLUORANTHENE	mg/kg	100	<0.12		<0.12	
FLUORENE	mg/kg	30	<0.12		<0.12	
INDENO(1,2,3-CD)PYRENE	mg/kg	0.5	<0.12		<0.12	
NAPHTHALENE	mg/kg	12	<0.4		<0.4	
PHENANTHRENE	mg/kg	100	<0.12		<0.12	
PYRENE	mg/kg	100	<0.12		<0.12	
1-METHYLNAPHTHALENE	mg/kg	No Standard	<0.4		<0.4	
2-METHYLNAPHTHALENE	mg/kg	No Standard	<0.4		<0.4	
2-CHLORONAPHTHALENE	mg/kg	No Standard	<0.4		<0.4	

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Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-03		L823238-04	
		Client Sample ID/Sample Depth in Feet	B-4 3-4.5 FT		B-5 11 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	Part 375 Unrestricted Use SCOs	Result	Qualifier	Result	Qualifier
TOTAL SOLIDS	%	No Standard	90		80.7	
ACETONE	mg/kg	0.05	<5		<2.2	
ACRYLONITRILE	mg/kg	No Standard	<1		<0.44	
BENZENE	mg/kg	0.06	<0.1		<0.044	
BROMOBENZENE	mg/kg	No Standard	<0.1		<0.044	
BROMODICHLOROMETHANE	mg/kg	No Standard	<0.1		<0.044	
BROMOFORM	mg/kg	No Standard	<0.1		<0.044	
BROMOMETHANE	mg/kg	No Standard	<0.5		<0.22	
N-BUTYLBENZENE	mg/kg	12	<0.1		<0.044	
SEC-BUTYLBENZENE	mg/kg	11	<0.1		<0.044	
TERT-BUTYLBENZENE	mg/kg	5.9	<0.1		0.0726	
CARBON TETRACHLORIDE	mg/kg	0.76	<0.1		<0.044	
CHLOROBENZENE	mg/kg	1.1	<0.1		<0.044	
CHLORODIBROMOMETHANE	mg/kg	No Standard	<0.1		<0.044	
CHLOROETHANE	mg/kg	No Standard	<0.5		<0.22	
2-CHLOROETHYL VINYL ETHER	mg/kg	No Standard	<5		<2.2	
CHLOROFORM	mg/kg	0.37	<0.5		<0.22	
CHLOROMETHANE	mg/kg	No Standard	<0.25		<0.11	
2-CHLOROTOLUENE	mg/kg	No Standard	<0.1		<0.044	
4-CHLOROTOLUENE	mg/kg	No Standard	<0.1		<0.044	
1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	No Standard	<0.5		<0.22	
1,2-DIBROMOETHANE	mg/kg	No Standard	<0.1		<0.044	
DIBROMOMETHANE	mg/kg	No Standard	<0.1		<0.044	
1,2-DICHLOROBENZENE	mg/kg	1.1	<0.1		<0.044	

Notes:
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		Lab Sample ID	L823238-03		L823238-04	
		Client Sample ID/Sample Depth in Feet	B-4 3-4.5 FT		B-5 11 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	Part 375 Unrestricted Use SCOs	Result	Qualifier	Result	Qualifier
1,3-DICHLOROBENZENE	mg/kg	2.4	<0.1		<0.044	
1,4-DICHLOROBENZENE	mg/kg	1.8	<0.1		<0.044	
DICHLORODIFLUOROMETHANE	mg/kg	No Standard	<0.5		<0.22	
1,1-DICHLOROETHANE	mg/kg	0.27	<0.1		<0.044	
1,2-DICHLOROETHANE	mg/kg	0.02	<0.1		<0.044	
1,1-DICHLOROETHENE	mg/kg	0.33	<0.1		<0.044	
CIS-1,2-DICHLOROETHENE	mg/kg	0.25	<0.1		<0.044	
TRANS-1,2-DICHLOROETHENE	mg/kg	0.19	<0.1		<0.044	
1,2-DICHLOROPROPANE	mg/kg	No Standard	<0.1		<0.044	
1,1-DICHLOROPROPENE	mg/kg	No Standard	<0.1		<0.044	
1,3-DICHLOROPROPANE	mg/kg	No Standard	<0.1		<0.044	
CIS-1,3-DICHLOROPROPENE	mg/kg	No Standard	<0.1		<0.044	
TRANS-1,3-DICHLOROPROPENE	mg/kg	No Standard	<0.1		<0.044	
2,2-DICHLOROPROPANE	mg/kg	No Standard	<0.1		<0.044	
DI-ISOPROPYL ETHER	mg/kg	No Standard	<0.1		<0.044	
ETHYLBENZENE	mg/kg	1	<0.1		<0.044	
HEXACHLORO-1,3-BUTADIENE	mg/kg	No Standard	<0.1		<0.044	
ISOPROPYLBENZENE	mg/kg	No Standard	<0.1		<0.044	
P-ISOPROPYLTOLUENE	mg/kg	No Standard	<0.1		<0.044	
2-BUTANONE (MEK)	mg/kg	0.12	**<1**		**<0.44**	
METHYLENE CHLORIDE	mg/kg	0.05	**<0.5**		**<0.22**	
4-METHYL-2-PENTANONE (MIBK)	mg/kg	No Standard	<1		<0.44	
METHYL TERT-BUTYL ETHER	mg/kg	0.93	<0.1		<0.044	
NAPHTHALENE	mg/kg	12	<0.5		<0.22	

Notes:
SCO = Soil Cleanup Objectives
mg/Kg = milligrams per kilogram

Table 2
Soil Sample Results Compared to Unrestricted Use Soil Cleanup Objectives
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-03		L823238-04	
		Client Sample ID/Sample Depth in Feet	B-4 3-4.5 FT		B-5 11 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	Part 375 Unrestricted Use SCOs	Result	Qualifier	Result	Qualifier
N-PROPYLBENZENE	mg/kg	3.9	<0.1		<0.044	
STYRENE	mg/kg	No Standard	<0.1		<0.044	
1,1,1,2-TETRACHLOROETHANE	mg/kg	No Standard	<0.1		<0.044	
1,1,2,2-TETRACHLOROETHANE	mg/kg	No Standard	<0.1		<0.044	
1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg	No Standard	<0.1		<0.044	
TETRACHLOROETHENE	mg/kg	1.3	<0.1		<0.044	
TOLUENE	mg/kg	0.7	<0.5		<0.22	
1,2,3-TRICHLOROBENZENE	mg/kg	No Standard	<0.1		<0.044	
1,2,4-TRICHLOROBENZENE	mg/kg	No Standard	<0.1		<0.044	
1,1,1-TRICHLOROETHANE	mg/kg	0.68	<0.1		<0.044	
1,1,2-TRICHLOROETHANE	mg/kg	No Standard	<0.1		<0.044	
TRICHLOROETHENE	mg/kg	0.47	<0.1		<0.044	
TRICHLOROFLUOROMETHANE	mg/kg	No Standard	<0.5		<0.22	
1,2,3-TRICHLOROPROPANE	mg/kg	No Standard	<0.25		<0.11	
1,2,4-TRIMETHYLBENZENE	mg/kg	3.6	<0.1		<0.044	
1,2,3-TRIMETHYLBENZENE	mg/kg	No Standard	<0.1		<0.044	
VINYL CHLORIDE	mg/kg	0.02	**<0.1**		**<0.044**	
1,3,5-TRIMETHYLBENZENE	mg/kg	8.4	<0.1		<0.044	
XYLENES, TOTAL	mg/kg	0.26	<0.3		<0.132	
ANTHRACENE	mg/kg	100	<0.12		<0.12	
ACENAPHTHENE	mg/kg	20	<0.12		<0.12	
ACENAPHTHYLENE	mg/kg	100	<0.12		<0.12	
BENZO(A)ANTHRACENE	mg/kg	1	<0.12		<0.12	
BENZO(A)PYRENE	mg/kg	1	<0.12		<0.12	

Notes:
SCO = Soil Cleanup Objectives
mg/Kg = milligrams per kilogram

Table 2
Soil Sample Results Compared to Unrestricted Use Soil Cleanup Objectives
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-03		L823238-04	
		Client Sample ID/Sample Depth in Feet	B-4 3-4.5 FT		B-5 11 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	Part 375 Unrestricted Use SCOs	Result	Qualifier	Result	Qualifier
BENZO(B)FLUORANTHENE	mg/kg	1	<0.12		<0.12	
BENZO(G,H,I)PERYLENE	mg/kg	100	<0.12		<0.12	
BENZO(K)FLUORANTHENE	mg/kg	0.8	<0.12		<0.12	
CHRYSENE	mg/kg	1	<0.12		<0.12	
DIBENZ(A,H)ANTHRACENE	mg/kg	0.33	<0.12		<0.12	
FLUORANTHENE	mg/kg	100	<0.12		<0.12	
FLUORENE	mg/kg	30	<0.12		<0.12	
INDENO(1,2,3-CD)PYRENE	mg/kg	0.5	<0.12		<0.12	
NAPHTHALENE	mg/kg	12	<0.4		<0.4	
PHENANTHRENE	mg/kg	100	<0.12		<0.12	
PYRENE	mg/kg	100	<0.12		<0.12	
1-METHYLNAPHTHALENE	mg/kg	No Standard	<0.4		<0.4	
2-METHYLNAPHTHALENE	mg/kg	No Standard	<0.4		<0.4	
2-CHLORONAPHTHALENE	mg/kg	No Standard	<0.4		<0.4	

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Table 2
Soil Sample Results Compared to Unrestricted Use Soil Cleanup Objectives
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-05		L823238-06		L823238-07		L823238-08	
		Client Sample ID/Sample Depth in Feet	B-6 9-10 FT		B-7 9-12.2 FT		B-8 5-6 FT		B-9 10-11 FT	
		Date Collected	3/11/2016		3/11/2016		3/11/2016		3/11/2016	
Analyte	Units	Part 375 Unrestricted Use SCOs	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
TOTAL SOLIDS	%	No Standard	89.3		88		75.4		81.5	
ACETONE	mg/kg	0.05	**<0.538**		<0.05		**<1.25**		**<0.25**	
ACRYLONITRILE	mg/kg	No Standard	<0.108		<0.01		<0.25		<0.05	
BENZENE	mg/kg	0.06	<0.0108		0.00596		<0.025		<0.005	
BROMOBENZENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
BROMODICHLOROMETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
BROMOFORM	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
BROMOMETHANE	mg/kg	No Standard	<0.0538		<0.005		<0.125		<0.025	
N-BUTYLBENZENE	mg/kg	12	0.0148		<0.001		<0.025		<0.005	
SEC-BUTYLBENZENE	mg/kg	11	0.0168		<0.001		<0.025		0.0059	
TERT-BUTYLBENZENE	mg/kg	5.9	0.0125		0.00101		<0.025		0.00604	
CARBON TETRACHLORIDE	mg/kg	0.76	<0.0108		<0.001		<0.025		<0.005	
CHLOROBENZENE	mg/kg	1.1	<0.0108		<0.001		<0.025		<0.005	
CHLORODIBROMOMETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
CHLOROETHANE	mg/kg	No Standard	<0.0538		<0.005		<0.125		<0.025	
2-CHLOROETHYL VINYL ETHER	mg/kg	No Standard	<0.538		<0.05		<1.25		<0.25	
CHLOROFORM	mg/kg	0.37	<0.0538		<0.005		<0.125		<0.025	
CHLOROMETHANE	mg/kg	No Standard	<0.0269		<0.0025		<0.0625		<0.0125	
2-CHLOROTOLUENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
4-CHLOROTOLUENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	No Standard	<0.0538		<0.005		<0.125		<0.025	
1,2-DIBROMOETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
DIBROMOMETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,2-DICHLOROBENZENE	mg/kg	1.1	<0.0108		<0.001		<0.025		<0.005	

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Table 2
Soil Sample Results Compared to Unrestricted Use Soil Cleanup Objectives
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-05		L823238-06		L823238-07		L823238-08	
		Client Sample ID/Sample Depth in Feet	B-6 9-10 FT		B-7 9-12.2 FT		B-8 5-6 FT		B-9 10-11 FT	
		Date Collected	3/11/2016		3/11/2016		3/11/2016		3/11/2016	
Analyte	Units	Part 375 Unrestricted Use SCOs	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,3-DICHLOROBENZENE	mg/kg	2.4	<0.0108		<0.001		<0.025		<0.005	
1,4-DICHLOROBENZENE	mg/kg	1.8	<0.0108		<0.001		<0.025		<0.005	
DICHLORODIFLUOROMETHANE	mg/kg	No Standard	<0.0538		<0.005		<0.125		<0.025	
1,1-DICHLOROETHANE	mg/kg	0.27	<0.0108		<0.001		<0.025		<0.005	
1,2-DICHLOROETHANE	mg/kg	0.02	<0.0108		<0.001		<0.025		<0.005	
1,1-DICHLOROETHENE	mg/kg	0.33	<0.0108		<0.001		<0.025		<0.005	
CIS-1,2-DICHLOROETHENE	mg/kg	0.25	<0.0108		<0.001		<0.025		<0.005	
TRANS-1,2-DICHLOROETHENE	mg/kg	0.19	<0.0108		<0.001		<0.025		<0.005	
1,2-DICHLOROPROPANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,1-DICHLOROPROPENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,3-DICHLOROPROPANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
CIS-1,3-DICHLOROPROPENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
TRANS-1,3-DICHLOROPROPENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
2,2-DICHLOROPROPANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
DI-ISOPROPYL ETHER	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
ETHYLBENZENE	mg/kg	1	<0.0108		0.00207		<0.025		<0.005	
HEXACHLORO-1,3-BUTADIENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
ISOPROPYLBENZENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
P-ISOPROPYLTOLUENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
2-BUTANONE (MEK)	mg/kg	0.12	<0.108		<0.01		**<0.25**		<0.05	
METHYLENE CHLORIDE	mg/kg	0.05	**<0.0538**		<0.005		**<0.125**		<0.025	
4-METHYL-2-PENTANONE (MIBK)	mg/kg	No Standard	<0.108		<0.01		<0.25		<0.05	
METHYL TERT-BUTYL ETHER	mg/kg	0.93	<0.0108		<0.001		<0.025		<0.005	
NAPHTHALENE	mg/kg	12	<0.0538		<0.005		<0.125		<0.025	

Notes:
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mg/Kg = milligrams per kilogram

Table 2
Soil Sample Results Compared to Unrestricted Use Soil Cleanup Objectives
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-05		L823238-06		L823238-07		L823238-08	
		Client Sample ID/Sample Depth in Feet	B-6 9-10 FT		B-7 9-12.2 FT		B-8 5-6 FT		B-9 10-11 FT	
		Date Collected	3/11/2016		3/11/2016		3/11/2016		3/11/2016	
Analyte	Units	Part 375 Unrestricted Use SCOs	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
N-PROPYLBENZENE	mg/kg	3.9	0.0217		<0.001		<0.025		<0.005	
STYRENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,1,1,2-TETRACHLOROETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,1,2,2-TETRACHLOROETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
TETRACHLOROETHENE	mg/kg	1.3	<0.0108		<0.001		<0.025		<0.005	
TOLUENE	mg/kg	0.7	<0.0538		0.0154		<0.125		<0.025	
1,2,3-TRICHLOROBENZENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,2,4-TRICHLOROBENZENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,1,1-TRICHLOROETHANE	mg/kg	0.68	<0.0108		<0.001		<0.025		<0.005	
1,1,2-TRICHLOROETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
TRICHLOROETHENE	mg/kg	0.47	<0.0108		<0.001		<0.025		<0.005	
TRICHLOROFLUOROMETHANE	mg/kg	No Standard	<0.0538		<0.005		<0.125		<0.025	
1,2,3-TRICHLOROPROPANE	mg/kg	No Standard	<0.0269		<0.0025		<0.0625		<0.0125	
1,2,4-TRIMETHYLBENZENE	mg/kg	3.6	<0.0108		0.00713		0.0254		<0.005	
1,2,3-TRIMETHYLBENZENE	mg/kg	No Standard	<0.0108		0.00144		<0.025		<0.005	
VINYL CHLORIDE	mg/kg	0.02	<0.0108		<0.001		**<0.025**		<0.005	
1,3,5-TRIMETHYLBENZENE	mg/kg	8.4	<0.0108		0.00333		<0.025		<0.005	
XYLENES, TOTAL	mg/kg	0.26	<0.0322		0.0232		<0.075		<0.015	
ANTHRACENE	mg/kg	100	0.299		<0.12		0.753		<0.12	
ACENAPHTHENE	mg/kg	20	0.295		<0.12		0.461		<0.12	
ACENAPHTHYLENE	mg/kg	100	<0.12		<0.12		<0.12		<0.12	
BENZO(A)ANTHRACENE	mg/kg	1	0.636		<0.12		0.348		<0.12	
BENZO(A)PYRENE	mg/kg	1	0.521		<0.12		0.313		<0.12	

Notes:
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Table 2
Soil Sample Results Compared to Unrestricted Use Soil Cleanup Objectives
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-05		L823238-06		L823238-07		L823238-08	
		Client Sample ID/Sample Depth in Feet	B-6 9-10 FT		B-7 9-12.2 FT		B-8 5-6 FT		B-9 10-11 FT	
		Date Collected	3/11/2016		3/11/2016		3/11/2016		3/11/2016	
Analyte	Units	Part 375 Unrestricted Use SCOs	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
BENZO(B)FLUORANTHENE	mg/kg	1	0.637		<0.12		0.34		<0.12	
BENZO(G,H,I)PERYLENE	mg/kg	100	0.279		<0.12		0.209		<0.12	
BENZO(K)FLUORANTHENE	mg/kg	0.8	0.241		<0.12		0.133		<0.12	
CHRYSENE	mg/kg	1	0.741		<0.12		0.364		<0.12	
DIBENZ(A,H)ANTHRACENE	mg/kg	0.33	<0.12		<0.12		<0.12		<0.12	
FLUORANTHENE	mg/kg	100	1.22		<0.12		1.31		<0.12	
FLUORENE	mg/kg	30	0.393		<0.12		0.566		<0.12	
INDENO(1,2,3-CD)PYRENE	mg/kg	0.5	0.258		<0.12		0.174		<0.12	
NAPHTHALENE	mg/kg	12	1.05		<0.4		<0.4		<0.4	
PHENANTHRENE	mg/kg	100	1.39		<0.12		1.52		<0.12	
PYRENE	mg/kg	100	1.28		<0.12		1.2		<0.12	
1-METHYLNAPHTHALENE	mg/kg	No Standard	1.94		<0.4		<0.4		<0.4	
2-METHYLNAPHTHALENE	mg/kg	No Standard	3.13		<0.4		<0.4		<0.4	
2-CHLORONAPHTHALENE	mg/kg	No Standard	<0.4		<0.4		<0.4		<0.4	

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mg/Kg = milligrams per kilogram

Table 3
Soil Sample Results Compared to Residential Use Soil Cleanup Guidance Found in CP-51
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-01		L823238-02	
		Client Sample ID/Sample Depth in Feet	B-1 7 FT		B-2 12 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	CP-51 Residential Use SCOs	Result	Qualifier	Result	Qualifier
TOTAL SOLIDS	%	No Standard	81.9		82.4	
ACETONE	mg/kg	No Standard	<0.562		<0.525	
ACRYLONITRILE	mg/kg	No Standard	<0.112		<0.105	
BENZENE	mg/kg	No Standard	0.0125		<0.0105	
BROMOBENZENE	mg/kg	No Standard	<0.0112		<0.0105	
BROMODICHLOROMETHANE	mg/kg	No Standard	<0.0112		<0.0105	
BROMOFORM	mg/kg	No Standard	<0.0112		<0.0105	
BROMOMETHANE	mg/kg	No Standard	<0.0562		<0.0525	
N-BUTYLBENZENE	mg/kg	No Standard	0.0132		<0.0105	
SEC-BUTYLBENZENE	mg/kg	No Standard	0.0587		<0.0105	
TERT-BUTYLBENZENE	mg/kg	No Standard	0.0286		0.0499	
CARBON TETRACHLORIDE	mg/kg	No Standard	<0.0112		<0.0105	
CHLOROBENZENE	mg/kg	No Standard	0.933		<0.0105	
CHLORODIBROMOMETHANE	mg/kg	No Standard	<0.0112		<0.0105	
CHLOROETHANE	mg/kg	No Standard	<0.0562		<0.0525	
2-CHLOROETHYL VINYL ETHER	mg/kg	No Standard	<0.562		<0.525	
CHLOROFORM	mg/kg	No Standard	<0.0562		<0.0525	
CHLOROMETHANE	mg/kg	No Standard	<0.0281		<0.0262	
2-CHLOROTOLUENE	mg/kg	No Standard	<0.0112		<0.0105	
4-CHLOROTOLUENE	mg/kg	No Standard	<0.0112		<0.0105	
1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	No Standard	<0.0562		<0.0525	
1,2-DIBROMOETHANE	mg/kg	No Standard	<0.0112		<0.0105	
DIBROMOMETHANE	mg/kg	No Standard	<0.0112		<0.0105	
1,2-DICHLOROBENZENE	mg/kg	No Standard	<0.0112		<0.0105	

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Table 3
Soil Sample Results Compared to Residential Use Soil Cleanup Guidance Found in CP-51
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-01		L823238-02	
		Client Sample ID/Sample Depth in Feet	B-1 7 FT		B-2 12 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	CP-51 Residential Use SCOs	Result	Qualifier	Result	Qualifier
1,3-DICHLOROBENZENE	mg/kg	No Standard	<0.0112		<0.0105	
1,4-DICHLOROBENZENE	mg/kg	No Standard	<0.0112		<0.0105	
DICHLORODIFLUOROMETHANE	mg/kg	No Standard	<0.0562		<0.0525	
1,1-DICHLOROETHANE	mg/kg	No Standard	<0.0112		<0.0105	
1,2-DICHLOROETHANE	mg/kg	No Standard	<0.0112		<0.0105	
1,1-DICHLOROETHENE	mg/kg	No Standard	<0.0112		<0.0105	
CIS-1,2-DICHLOROETHENE	mg/kg	No Standard	<0.0112		<0.0105	
TRANS-1,2-DICHLOROETHENE	mg/kg	No Standard	<0.0112		<0.0105	
1,2-DICHLOROPROPANE	mg/kg	No Standard	<0.0112		<0.0105	
1,1-DICHLOROPROPENE	mg/kg	No Standard	<0.0112		<0.0105	
1,3-DICHLOROPROPANE	mg/kg	No Standard	<0.0112		<0.0105	
CIS-1,3-DICHLOROPROPENE	mg/kg	No Standard	<0.0112		<0.0105	
TRANS-1,3-DICHLOROPROPENE	mg/kg	No Standard	<0.0112		<0.0105	
2,2-DICHLOROPROPANE	mg/kg	No Standard	<0.0112		<0.0105	
DI-ISOPROPYL ETHER	mg/kg	No Standard	<0.0112		<0.0105	
ETHYLBENZENE	mg/kg	No Standard	<0.0112		<0.0105	
HEXACHLORO-1,3-BUTADIENE	mg/kg	No Standard	<0.0112		<0.0105	
ISOPROPYLBENZENE	mg/kg	100	0.028		<0.0105	
P-ISOPROPYLTOLUENE	mg/kg	No Standard	<0.0112		<0.0105	
2-BUTANONE (MEK)	mg/kg	100	<0.112		<0.105	
METHYLENE CHLORIDE	mg/kg	No Standard	<0.0562		<0.0525	
4-METHYL-2-PENTANONE (MIBK)	mg/kg	No Standard	<0.112		<0.105	
METHYL TERT-BUTYL ETHER	mg/kg	No Standard	<0.0112		<0.0105	
NAPHTHALENE	mg/kg	No Standard	<0.0562		<0.0525	

Notes:
SCO = Soil Cleanup Objectives
mg/Kg = milligrams per kilogram

Table 3
Soil Sample Results Compared to Residential Use Soil Cleanup Guidance Found in CP-51
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-01		L823238-02	
		Client Sample ID/Sample Depth in Feet	B-1 7 FT		B-2 12 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	CP-51 Residential Use SCOs	Result	Qualifier	Result	Qualifier
N-PROPYLBENZENE	mg/kg	No Standard	<0.0112		<0.0105	
STYRENE	mg/kg	No Standard	<0.0112		<0.0105	
1,1,1,2-TETRACHLOROETHANE	mg/kg	No Standard	<0.0112		<0.0105	
1,1,2,2-TETRACHLOROETHANE	mg/kg	No Standard	<0.0112		<0.0105	
1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg	No Standard	<0.0112		<0.0105	
TETRACHLOROETHENE	mg/kg	No Standard	<0.0112		<0.0105	
TOLUENE	mg/kg	No Standard	<0.0562		<0.0525	
1,2,3-TRICHLOROBENZENE	mg/kg	No Standard	<0.0112		<0.0105	
1,2,4-TRICHLOROBENZENE	mg/kg	No Standard	<0.0112		<0.0105	
1,1,1-TRICHLOROETHANE	mg/kg	No Standard	<0.0112		<0.0105	
1,1,2-TRICHLOROETHANE	mg/kg	No Standard	<0.0112		<0.0105	
TRICHLOROETHENE	mg/kg	No Standard	<0.0112		<0.0105	
TRICHLOROFLUOROMETHANE	mg/kg	No Standard	<0.0562		<0.0525	
1,2,3-TRICHLOROPROPANE	mg/kg	No Standard	<0.0281		<0.0262	
1,2,4-TRIMETHYLBENZENE	mg/kg	No Standard	<0.0112		<0.0105	
1,2,3-TRIMETHYLBENZENE	mg/kg	No Standard	<0.0112		<0.0105	
VINYL CHLORIDE	mg/kg	No Standard	<0.0112		<0.0105	
1,3,5-TRIMETHYLBENZENE	mg/kg	No Standard	<0.0112		<0.0105	
XYLENES, TOTAL	mg/kg	No Standard	<0.0338		<0.0315	
ANTHRACENE	mg/kg	No Standard	<0.12		<0.12	
ACENAPHTHENE	mg/kg	No Standard	<0.12		<0.12	
ACENAPHTHYLENE	mg/kg	No Standard	<0.12		<0.12	
BENZO(A)ANTHRACENE	mg/kg	No Standard	<0.12		<0.12	
BENZO(A)PYRENE	mg/kg	No Standard	<0.12		<0.12	

Notes:
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Table 3
Soil Sample Results Compared to Residential Use Soil Cleanup Guidance Found in CP-51
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-01		L823238-02	
		Client Sample ID/Sample Depth in Feet	B-1 7 FT		B-2 12 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	CP-51 Residential Use SCOs	Result	Qualifier	Result	Qualifier
BENZO(B)FLUORANTHENE	mg/kg	No Standard	<0.12		<0.12	
BENZO(G,H,I)PERYLENE	mg/kg	No Standard	<0.12		<0.12	
BENZO(K)FLUORANTHENE	mg/kg	No Standard	<0.12		<0.12	
CHRYSENE	mg/kg	No Standard	<0.12		<0.12	
DIBENZ(A,H)ANTHRACENE	mg/kg	No Standard	<0.12		<0.12	
FLUORANTHENE	mg/kg	No Standard	<0.12		<0.12	
FLUORENE	mg/kg	No Standard	<0.12		<0.12	
INDENO(1,2,3-CD)PYRENE	mg/kg	No Standard	<0.12		<0.12	
NAPHTHALENE	mg/kg	No Standard	<0.4		<0.4	
PHENANTHRENE	mg/kg	No Standard	<0.12		<0.12	
PYRENE	mg/kg	No Standard	<0.12		<0.12	
1-METHYLNAPHTHALENE	mg/kg	No Standard	<0.4		<0.4	
2-METHYLNAPHTHALENE	mg/kg	0.41	<0.4		<0.4	
2-CHLORONAPHTHALENE	mg/kg	No Standard	<0.4		<0.4	

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Table 3
Soil Sample Results Compared to Residential Use Soil Cleanup Guidance Found in CP-51
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-03		L823238-04	
		Client Sample ID/Sample Depth in Feet	B-4 3-4.5 FT		B-5 11 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	CP-51 Residential Use SCOs	Result	Qualifier	Result	Qualifier
TOTAL SOLIDS	%	No Standard	90		80.7	
ACETONE	mg/kg	No Standard	<5		<2.2	
ACRYLONITRILE	mg/kg	No Standard	<1		<0.44	
BENZENE	mg/kg	No Standard	<0.1		<0.044	
BROMOBENZENE	mg/kg	No Standard	<0.1		<0.044	
BROMODICHLOROMETHANE	mg/kg	No Standard	<0.1		<0.044	
BROMOFORM	mg/kg	No Standard	<0.1		<0.044	
BROMOMETHANE	mg/kg	No Standard	<0.5		<0.22	
N-BUTYLBENZENE	mg/kg	No Standard	<0.1		<0.044	
SEC-BUTYLBENZENE	mg/kg	No Standard	<0.1		<0.044	
TERT-BUTYLBENZENE	mg/kg	No Standard	<0.1		0.0726	
CARBON TETRACHLORIDE	mg/kg	No Standard	<0.1		<0.044	
CHLOROBENZENE	mg/kg	No Standard	<0.1		<0.044	
CHLORODIBROMOMETHANE	mg/kg	No Standard	<0.1		<0.044	
CHLOROETHANE	mg/kg	No Standard	<0.5		<0.22	
2-CHLOROETHYL VINYL ETHER	mg/kg	No Standard	<5		<2.2	
CHLOROFORM	mg/kg	No Standard	<0.5		<0.22	
CHLOROMETHANE	mg/kg	No Standard	<0.25		<0.11	
2-CHLOROTOLUENE	mg/kg	No Standard	<0.1		<0.044	
4-CHLOROTOLUENE	mg/kg	No Standard	<0.1		<0.044	
1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	No Standard	<0.5		<0.22	
1,2-DIBROMOETHANE	mg/kg	No Standard	<0.1		<0.044	
DIBROMOMETHANE	mg/kg	No Standard	<0.1		<0.044	
1,2-DICHLOROBENZENE	mg/kg	No Standard	<0.1		<0.044	

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Table 3
Soil Sample Results Compared to Residential Use Soil Cleanup Guidance Found in CP-51
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-03		L823238-04	
		Client Sample ID/Sample Depth in Feet	B-4 3-4.5 FT		B-5 11 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	CP-51 Residential Use SCOs	Result	Qualifier	Result	Qualifier
1,3-DICHLOROBENZENE	mg/kg	No Standard	<0.1		<0.044	
1,4-DICHLOROBENZENE	mg/kg	No Standard	<0.1		<0.044	
DICHLORODIFLUOROMETHANE	mg/kg	No Standard	<0.5		<0.22	
1,1-DICHLOROETHANE	mg/kg	No Standard	<0.1		<0.044	
1,2-DICHLOROETHANE	mg/kg	No Standard	<0.1		<0.044	
1,1-DICHLOROETHENE	mg/kg	No Standard	<0.1		<0.044	
CIS-1,2-DICHLOROETHENE	mg/kg	No Standard	<0.1		<0.044	
TRANS-1,2-DICHLOROETHENE	mg/kg	No Standard	<0.1		<0.044	
1,2-DICHLOROPROPANE	mg/kg	No Standard	<0.1		<0.044	
1,1-DICHLOROPROPENE	mg/kg	No Standard	<0.1		<0.044	
1,3-DICHLOROPROPANE	mg/kg	No Standard	<0.1		<0.044	
CIS-1,3-DICHLOROPROPENE	mg/kg	No Standard	<0.1		<0.044	
TRANS-1,3-DICHLOROPROPENE	mg/kg	No Standard	<0.1		<0.044	
2,2-DICHLOROPROPANE	mg/kg	No Standard	<0.1		<0.044	
DI-ISOPROPYL ETHER	mg/kg	No Standard	<0.1		<0.044	
ETHYLBENZENE	mg/kg	No Standard	<0.1		<0.044	
HEXACHLORO-1,3-BUTADIENE	mg/kg	No Standard	<0.1		<0.044	
ISOPROPYLBENZENE	mg/kg	100	<0.1		<0.044	
P-ISOPROPYLTOLUENE	mg/kg	No Standard	<0.1		<0.044	
2-BUTANONE (MEK)	mg/kg	100	<1		<0.44	
METHYLENE CHLORIDE	mg/kg	No Standard	<0.5		<0.22	
4-METHYL-2-PENTANONE (MIBK)	mg/kg	No Standard	<1		<0.44	
METHYL TERT-BUTYL ETHER	mg/kg	No Standard	<0.1		<0.044	
NAPHTHALENE	mg/kg	No Standard	<0.5		<0.22	

Notes:
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mg/Kg = milligrams per kilogram

Table 3
Soil Sample Results Compared to Residential Use Soil Cleanup Guidance Found in CP-51
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-03		L823238-04	
		Client Sample ID/Sample Depth in Feet	B-4 3-4.5 FT		B-5 11 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	CP-51 Residential Use SCOs	Result	Qualifier	Result	Qualifier
N-PROPYLBENZENE	mg/kg	No Standard	<0.1		<0.044	
STYRENE	mg/kg	No Standard	<0.1		<0.044	
1,1,1,2-TETRACHLOROETHANE	mg/kg	No Standard	<0.1		<0.044	
1,1,2,2-TETRACHLOROETHANE	mg/kg	No Standard	<0.1		<0.044	
1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg	No Standard	<0.1		<0.044	
TETRACHLOROETHENE	mg/kg	No Standard	<0.1		<0.044	
TOLUENE	mg/kg	No Standard	<0.5		<0.22	
1,2,3-TRICHLOROBENZENE	mg/kg	No Standard	<0.1		<0.044	
1,2,4-TRICHLOROBENZENE	mg/kg	No Standard	<0.1		<0.044	
1,1,1-TRICHLOROETHANE	mg/kg	No Standard	<0.1		<0.044	
1,1,2-TRICHLOROETHANE	mg/kg	No Standard	<0.1		<0.044	
TRICHLOROETHENE	mg/kg	No Standard	<0.1		<0.044	
TRICHLOROFLUOROMETHANE	mg/kg	No Standard	<0.5		<0.22	
1,2,3-TRICHLOROPROPANE	mg/kg	No Standard	<0.25		<0.11	
1,2,4-TRIMETHYLBENZENE	mg/kg	No Standard	<0.1		<0.044	
1,2,3-TRIMETHYLBENZENE	mg/kg	No Standard	<0.1		<0.044	
VINYL CHLORIDE	mg/kg	No Standard	<0.1		<0.044	
1,3,5-TRIMETHYLBENZENE	mg/kg	No Standard	<0.1		<0.044	
XYLENES, TOTAL	mg/kg	No Standard	<0.3		<0.132	
ANTHRACENE	mg/kg	No Standard	<0.12		<0.12	
ACENAPHTHENE	mg/kg	No Standard	<0.12		<0.12	
ACENAPHTHYLENE	mg/kg	No Standard	<0.12		<0.12	
BENZO(A)ANTHRACENE	mg/kg	No Standard	<0.12		<0.12	
BENZO(A)PYRENE	mg/kg	No Standard	<0.12		<0.12	

Notes:
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Table 3
Soil Sample Results Compared to Residential Use Soil Cleanup Guidance Found in CP-51
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-03		L823238-04	
		Client Sample ID/Sample Depth in Feet	B-4 3-4.5 FT		B-5 11 FT	
		Date Collected	3/11/2016		3/11/2016	
Analyte	Units	CP-51 Residential Use SCOs	Result	Qualifier	Result	Qualifier
BENZO(B)FLUORANTHENE	mg/kg	No Standard	<0.12		<0.12	
BENZO(G,H,I)PERYLENE	mg/kg	No Standard	<0.12		<0.12	
BENZO(K)FLUORANTHENE	mg/kg	No Standard	<0.12		<0.12	
CHRYSENE	mg/kg	No Standard	<0.12		<0.12	
DIBENZ(A,H)ANTHRACENE	mg/kg	No Standard	<0.12		<0.12	
FLUORANTHENE	mg/kg	No Standard	<0.12		<0.12	
FLUORENE	mg/kg	No Standard	<0.12		<0.12	
INDENO(1,2,3-CD)PYRENE	mg/kg	No Standard	<0.12		<0.12	
NAPHTHALENE	mg/kg	No Standard	<0.4		<0.4	
PHENANTHRENE	mg/kg	No Standard	<0.12		<0.12	
PYRENE	mg/kg	No Standard	<0.12		<0.12	
1-METHYLNAPHTHALENE	mg/kg	No Standard	<0.4		<0.4	
2-METHYLNAPHTHALENE	mg/kg	0.41	<0.4		<0.4	
2-CHLORONAPHTHALENE	mg/kg	No Standard	<0.4		<0.4	

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Table 3
Soil Sample Results Compared to Residential Use Soil Cleanup Guidance Found in CP-51
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-05		L823238-06		L823238-07		L823238-08	
		Client Sample ID/Sample Depth in Feet	B-6 9-10 FT		B-7 9-12.2 FT		B-8 5-6 FT		B-9 10-11 FT	
		Date Collected	3/11/2016		3/11/2016		3/11/2016		3/11/2016	
Analyte	Units	CP-51 Residential Use SCOs	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
TOTAL SOLIDS	%	No Standard	89.3		88		75.4		81.5	
ACETONE	mg/kg	No Standard	<0.538		<0.05		<1.25		**<0.25**	
ACRYLONITRILE	mg/kg	No Standard	<0.108		<0.01		<0.25		<0.05	
BENZENE	mg/kg	No Standard	<0.0108		0.00596		<0.025		<0.005	
BROMOBENZENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
BROMODICHLOROMETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
BROMOFORM	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
BROMOMETHANE	mg/kg	No Standard	<0.0538		<0.005		<0.125		<0.025	
N-BUTYLBENZENE	mg/kg	No Standard	0.0148		<0.001		<0.025		<0.005	
SEC-BUTYLBENZENE	mg/kg	No Standard	0.0168		<0.001		<0.025		0.0059	
TERT-BUTYLBENZENE	mg/kg	No Standard	0.0125		0.00101		<0.025		0.00604	
CARBON TETRACHLORIDE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
CHLOROBENZENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
CHLORODIBROMOMETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
CHLOROETHANE	mg/kg	No Standard	<0.0538		<0.005		<0.125		<0.025	
2-CHLOROETHYL VINYL ETHER	mg/kg	No Standard	<0.538		<0.05		<1.25		<0.25	
CHLOROFORM	mg/kg	No Standard	<0.0538		<0.005		<0.125		<0.025	
CHLOROMETHANE	mg/kg	No Standard	<0.0269		<0.0025		<0.0625		<0.0125	
2-CHLOROTOLUENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
4-CHLOROTOLUENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,2-DIBROMO-3-CHLOROPROPANE	mg/kg	No Standard	<0.0538		<0.005		<0.125		<0.025	
1,2-DIBROMOETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
DIBROMOMETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,2-DICHLOROBENZENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	

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Flint Redevelopment LLC
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		Lab Sample ID	L823238-05		L823238-06		L823238-07		L823238-08	
		Client Sample ID/Sample Depth in Feet	B-6 9-10 FT		B-7 9-12.2 FT		B-8 5-6 FT		B-9 10-11 FT	
		Date Collected	3/11/2016		3/11/2016		3/11/2016		3/11/2016	
Analyte	Units	CP-51 Residential Use SCOs	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,3-DICHLOROBENZENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,4-DICHLOROBENZENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
DICHLORODIFLUOROMETHANE	mg/kg	No Standard	<0.0538		<0.005		<0.125		<0.025	
1,1-DICHLOROETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,2-DICHLOROETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,1-DICHLOROETHENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
CIS-1,2-DICHLOROETHENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
TRANS-1,2-DICHLOROETHENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,2-DICHLOROPROPANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,1-DICHLOROPROPENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,3-DICHLOROPROPANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
CIS-1,3-DICHLOROPROPENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
TRANS-1,3-DICHLOROPROPENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
2,2-DICHLOROPROPANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
DI-ISOPROPYL ETHER	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
ETHYLBENZENE	mg/kg	No Standard	<0.0108		0.00207		<0.025		<0.005	
HEXACHLORO-1,3-BUTADIENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
ISOPROPYLBENZENE	mg/kg	100	<0.0108		<0.001		<0.025		<0.005	
P-ISOPROPYLTOLUENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
2-BUTANONE (MEK)	mg/kg	100	<0.108		<0.01		<0.25		<0.05	
METHYLENE CHLORIDE	mg/kg	No Standard	<0.0538		<0.005		<0.125		<0.025	
4-METHYL-2-PENTANONE (MIBK)	mg/kg	No Standard	<0.108		<0.01		<0.25		<0.05	
METHYL TERT-BUTYL ETHER	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
NAPHTHALENE	mg/kg	No Standard	<0.0538		<0.005		<0.125		<0.025	

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Table 3
Soil Sample Results Compared to Residential Use Soil Cleanup Guidance Found in CP-51
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-05		L823238-06		L823238-07		L823238-08	
		Client Sample ID/Sample Depth in Feet	B-6 9-10 FT		B-7 9-12.2 FT		B-8 5-6 FT		B-9 10-11 FT	
		Date Collected	3/11/2016		3/11/2016		3/11/2016		3/11/2016	
Analyte	Units	CP-51 Residential Use SCOs	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
N-PROPYLBENZENE	mg/kg	No Standard	0.0217		<0.001		<0.025		<0.005	
STYRENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,1,1,2-TETRACHLOROETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,1,2,2-TETRACHLOROETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,1,2-TRICHLOROTRIFLUOROETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
TETRACHLOROETHENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
TOLUENE	mg/kg	No Standard	<0.0538		0.0154		<0.125		<0.025	
1,2,3-TRICHLOROBENZENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,2,4-TRICHLOROBENZENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,1,1-TRICHLOROETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,1,2-TRICHLOROETHANE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
TRICHLOROETHENE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
TRICHLOROFLUOROMETHANE	mg/kg	No Standard	<0.0538		<0.005		<0.125		<0.025	
1,2,3-TRICHLOROPROPANE	mg/kg	No Standard	<0.0269		<0.0025		<0.0625		<0.0125	
1,2,4-TRIMETHYLBENZENE	mg/kg	No Standard	<0.0108		0.00713		0.0254		<0.005	
1,2,3-TRIMETHYLBENZENE	mg/kg	No Standard	<0.0108		0.00144		<0.025		<0.005	
VINYL CHLORIDE	mg/kg	No Standard	<0.0108		<0.001		<0.025		<0.005	
1,3,5-TRIMETHYLBENZENE	mg/kg	No Standard	<0.0108		0.00333		<0.025		<0.005	
XYLENES, TOTAL	mg/kg	No Standard	<0.0322		0.0232		<0.075		<0.015	
ANTHRACENE	mg/kg	No Standard	0.299		<0.12		0.753		<0.12	
ACENAPHTHENE	mg/kg	No Standard	0.295		<0.12		0.461		<0.12	
ACENAPHTHYLENE	mg/kg	No Standard	<0.12		<0.12		<0.12		<0.12	
BENZO(A)ANTHRACENE	mg/kg	No Standard	0.636		<0.12		0.348		<0.12	
BENZO(A)PYRENE	mg/kg	No Standard	0.521		<0.12		0.313		<0.12	

Notes:
SCO = Soil Cleanup Objectives
mg/Kg = milligrams per kilogram

Table 3
Soil Sample Results Compared to Residential Use Soil Cleanup Guidance Found in CP-51
Flint Redevelopment LLC
Project 22 Flint Street and 396 Exchange Street
Rochester, New York

		Lab Sample ID	L823238-05		L823238-06		L823238-07		L823238-08	
		Client Sample ID/Sample Depth in Feet	B-6 9-10 FT		B-7 9-12.2 FT		B-8 5-6 FT		B-9 10-11 FT	
		Date Collected	3/11/2016		3/11/2016		3/11/2016		3/11/2016	
Analyte	Units	CP-51 Residential Use SCOs	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
BENZO(B)FLUORANTHENE	mg/kg	No Standard	0.637		<0.12		0.34		<0.12	
BENZO(G,H,I)PERYLENE	mg/kg	No Standard	0.279		<0.12		0.209		<0.12	
BENZO(K)FLUORANTHENE	mg/kg	No Standard	0.241		<0.12		0.133		<0.12	
CHRYSENE	mg/kg	No Standard	0.741		<0.12		0.364		<0.12	
DIBENZ(A,H)ANTHRACENE	mg/kg	No Standard	<0.12		<0.12		<0.12		<0.12	
FLUORANTHENE	mg/kg	No Standard	1.22		<0.12		1.31		<0.12	
FLUORENE	mg/kg	No Standard	0.393		<0.12		0.566		<0.12	
INDENO(1,2,3-CD)PYRENE	mg/kg	No Standard	0.258		<0.12		0.174		<0.12	
NAPHTHALENE	mg/kg	No Standard	1.05		<0.4		<0.4		<0.4	
PHENANTHRENE	mg/kg	No Standard	1.39		<0.12		1.52		<0.12	
PYRENE	mg/kg	No Standard	1.28		<0.12		1.2		<0.12	
1-METHYLNAPHTHALENE	mg/kg	No Standard	1.94		<0.4		<0.4		<0.4	
2-METHYLNAPHTHALENE	mg/kg	0.41	**3.13**		<0.4		<0.4		<0.4	
2-CHLORONAPHTHALENE	mg/kg	No Standard	<0.4		<0.4		<0.4		<0.4	

Notes:
SCO = Soil Cleanup Objectives
mg/Kg = milligrams per kilogram

TABLE 4
Groundwater Sample Results Compared to NYSDEC GA Class Groundwater Standards and Guidance Values
Flint Redevelopment LLC
22 Flint and 396 Exchange Streets
Rochester, New York

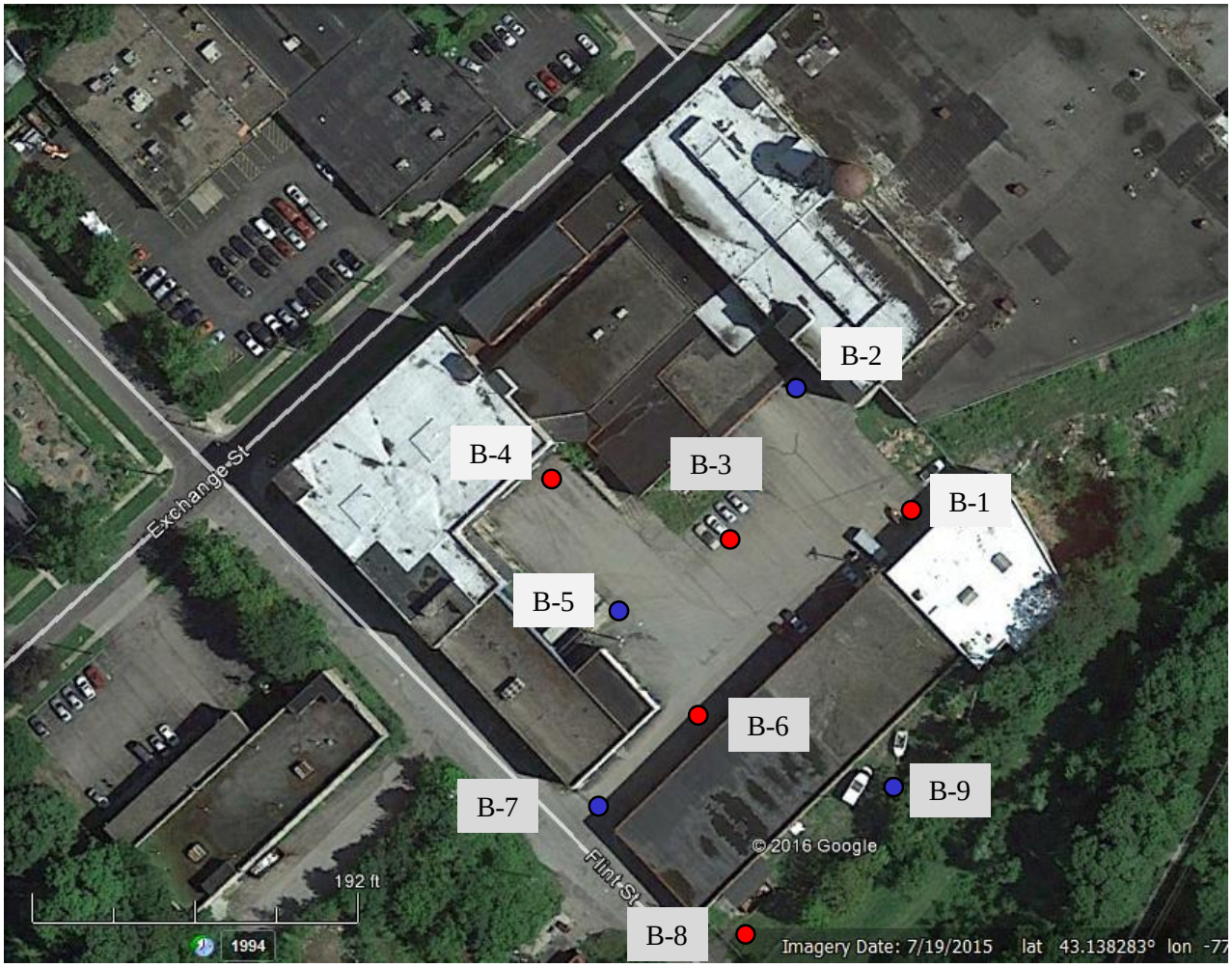
Lab Sample ID			L823238-09		L823238-10		L823238-11		L823238-12	
Client Sample ID			B-5		B-2		B-9		TRIPBLANK	
Date Collected			3/11/2016		3/11/2016		3/11/2016		3/11/2016	
Analyte	Units	NYSDEC Class GA Groundwater Standards and Guidance Values	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
ACETONE	ug/l	50	<50		<50		<50		<50	
BENZENE	ug/l	1	<1		<1		<1		<1	
BROMOCHLOROMETHANE	ug/l	No Standard	<1		<1		<1		<1	
BROMODICHLOROMETHANE	ug/l	50	<1		<1		<1		<1	
BROMOFORM	ug/l	50	<1		<1		<1		<1	
BROMOMETHANE	ug/l	5	<5		<5		<5		<5	
CARBON DISULFIDE	ug/l	No Standard	<1		<1		<1		<1	
CARBON TETRACHLORIDE	ug/l	5	<1		<1		<1		<1	
CHLOROBENZENE	ug/l	5	<1		<1		<1		<1	
CHLORODIBROMOMETHANE	ug/l	50	<1		<1		<1		<1	
CHLOROETHANE	ug/l	5	<5		<5		<5		<5	
CHLOROFORM	ug/l	7	<5		<5		<5		<5	
CHLOROMETHANE	ug/l	No Standard	<2.5		<2.5		<2.5		<2.5	
CYCLOHEXANE	ug/l	No Standard	<1		<1		<1		<1	
1,2-DIBROMO-3-CHLOROPROPANE	ug/l	0.04	**<5**		**<5**	J3	**<5**	J3	<5	
1,2-DIBROMOETHANE	ug/l	No Standard	<1		<1		<1		<1	
1,2-DICHLOROBENZENE	ug/l	3	<1		<1		<1		<1	
1,3-DICHLOROBENZENE	ug/l	3	<1		<1		<1		<1	
1,4-DICHLOROBENZENE	ug/l	3	<1		<1		<1		<1	
DICHLORODIFLUOROMETHANE	ug/l	5	<5		<5		<5		<5	
1,1-DICHLOROETHANE	ug/l	5	<1		<1		<1		<1	
1,2-DICHLOROETHANE	ug/l	0.6	**<1**		**<1**		**<1**		**<1**	
1,1-DICHLOROETHENE	ug/l	5	<1		<1		<1		<1	
CIS-1,2-DICHLOROETHENE	ug/l	5	<1		<1		<1		<1	
TRANS-1,2-DICHLOROETHENE	ug/l	5	<1		<1		<1		<1	
1,2-DICHLOROPROPANE	ug/l	1	<1		<1		<1		<1	
CIS-1,3-DICHLOROPROPENE	ug/l	0.4	**<1**		**<1**		**<1**		**<1**	
TRANS-1,3-DICHLOROPROPENE	ug/l	4	<1		<1		<1		<1	
ETHYLBENZENE	ug/l	5	<1		<1		<1		<1	
2-HEXANONE	ug/l	50	<10		<10		<10		<10	
ISOPROPYLBENZENE	ug/l	5	<1		<1		<1		<1	
2-BUTANONE (MEK)	ug/l	50	<10		<10		<10		<10	
METHYL ACETATE	ug/l	No Standard	<20		<20		<20		<20	
METHYL CYCLOHEXANE	ug/l	No Standard	12.7		<1		<1		<1	
METHYLENE CHLORIDE	ug/l	5	<5		<5		<5		<5	
4-METHYL-2-PENTANONE (MIBK)	ug/l	No Standard	<10		<10		<10		<10	
METHYL TERT-BUTYL ETHER	ug/l	10	3.94		1.14		<1		<1	
STYRENE	ug/l	5	<1		<1		<1		<1	
1,1,2,2-TETRACHLOROETHANE	ug/l	5	<1		<1		<1		<1	
TETRACHLOROETHENE	ug/l	5	<1		<1		<1		<1	
TOLUENE	ug/l	5	<5		<5		<5		<5	
1,2,3-TRICHLOROBENZENE	ug/l	5	<1		<1		<1		<1	
1,2,4-TRICHLOROBENZENE	ug/l	5	<1		<1		<1		<1	
1,1,1-TRICHLOROETHANE	ug/l	5	<1		<1		<1		<1	
1,1,2-TRICHLOROETHANE	ug/l	1	<1		<1		<1		<1	
TRICHLOROETHENE	ug/l	5	<1		<1		<1		<1	
TRICHLOROFLUOROMETHANE	ug/l	5	<5		<5		<5		<5	
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/l	5	<1		<1		<1		<1	
VINYL CHLORIDE	ug/l	2	<1		<1		<1		<1	
XYLENES, TOTAL	ug/l	5	<3		<3		<3		<3	
ANTHRACENE	ug/l	50	<1		<1		<0.05		NS	
ACENAPHTHENE	ug/l	20	<1		1.07		<0.05		NS	
ACENAPHTHYLENE	ug/l	No Standard	1.38		0.312		<0.05		NS	
BENZO(A)ANTHRACENE	ug/l	0.002	3.26		**0.386**		<0.05		NS	
BENZO(A)PYRENE	ug/l	No Standard	<1		0.125		<0.05		NS	
BENZO(B)FLUORANTHENE	ug/l	0.002	**<1**		**<0.05**		**<0.05**		NS	
BENZO(G,H,I)PERYLENE	ug/l	No Standard	<1		0.1		0.0675		NS	
BENZO(K)FLUORANTHENE	ug/l	0.002	**<1**		**<0.05**		**<0.05**		NS	
CHRYSENE	ug/l	0.002	**4.95**		**0.469**		**0.057**		NS	
DIBENZ(A,H)ANTHRACENE	ug/l	No Standard	<1		<0.05		<0.05		NS	

Notes:
ug/l = micrograms per liter

TABLE 4
Groundwater Sample Results Compared to NYSDEC GA Class Groundwater Standards and Guidance Values
Flint Redevelopment LLC
22 Flint and 396 Exchange Streets
Rochester, New York

Lab Sample ID			L823238-09		L823238-10		L823238-11		L823238-12	
Client Sample ID			B-5		B-2		B-9		TRIPBLANK	
Date Collected			3/11/2016		3/11/2016		3/11/2016		3/11/2016	
Analyte	Units	NYSDEC Class GA Groundwater Standards and Guidance Values	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
FLUORANTHENE	ug/l	50	2.07		<1		<0.05		NS	
FLUORENE	ug/l	50	5.33		1.96		<0.05		NS	
INDENO(1,2,3-CD)PYRENE	ug/l	0.002	<1		<0.05		<0.05		NS	
NAPHTHALENE	ug/l	10	<5		0.453		<0.25		NS	
PHENANTHRENE	ug/l	50	28.5		1.89		0.0679		NS	
PYRENE	ug/l	50	13.4		1.45		0.114		NS	
1-METHYLNAPHTHALENE	ug/l	No Standard	<5		0.626		<0.25		NS	
2-METHYLNAPHTHALENE	ug/l	No Standard	<5		<0.25		<0.25		NS	
2-CHLORONAPHTHALENE	ug/l	10	<5		<0.25		<0.25		NS	

Notes:
ug/l = micrograms per liter



- B-1 = Soil Boring Location
- B-2 = Soil Boring and Monitoring Well Location

Title: Sample Location Map 22 Flint Street and 936 Exchange Street Rochester, New York	LEADER Leader Professional Services 271 Marsh Road, Suite 2 Pittsford, NY 14534 (585) 248-2413 FAX (585) 248-2834	Project: 900.001 Date: 3/14/16 Scale: NTS	Drawn: PVS Checked: MPR File Name: Site Map	Figure: 1
Prepared For: Flint Redevelopment, LLC 1400 Crossroads Building Rochester, New York				

Note: All concentrations shown in milligrams per kilogram
Values shown in Red exceed CP-51 Residential Soil Cleanup Objectives

Soil boring B-6	Depth 9 - 10 ft.
Dated Sampled 3/11/2016	
Compound	Concentrations
N-Butylbenzene	0.0148
Sec-Butlybenzene	0.0168
Tert Butylbenzene	0.0125
N-Propylbenzene	0.0217
Antracene	0.299
Acenaphthylene	0.295
Benzo(a)anthracene	0.636
Benzo(a)pyrene	0.521
Benzo(B)Fluoranthene	0.637
Benzo(ghi)perylene	0.279
Benzo(k)Fluoranthene	0.241
Chrysene	0.741
Fluoranthene	1.22
Fluorene	0.393
Indeno(1,23-cd)pyrene	0.258
Naphthalene	1.05
Phenanthrene	1.39
Pyrene	1.28
1-Methylnaphthalene	1.94
2-Methylnapthalene	**3.13**

Soil boring B-4	Depth 3 - 4.5 ft.
Dated Sampled 3/11/2016	
Compound	Concentrations
Volatiles	ND
Semivolatiles	ND

Soil boring B-2	Depth 12 ft.
Dated Sampled 3/11/2016	
Compound	Concentrations
Tert Butylbenzene	0.0499

Soil boring B-1	
Dated Sampled 3/11/2016	
Compound	Concentrations
Benzene	0.0125
N-Butylbenzene	0.0132
Sec-Butlybenzene	0.0587
Tert Butylbenzene	0.0499
Chlorobenzene	0.0933
Isopropylbenzene	0.028

Soil boring B-5	Depth 11 ft.
Dated Sampled 3/11/2016	
Compound	Concentrations
Tert Butylbenzene	0.072

Soil boring B-7	Depth 9 - 12.2 ft.
Dated Sampled 3/11/2016	
Compound	Concentrations
Benzene	0.0596
Tert Butylbenzene	0.00101
Ethylbenzene	0.00207
Toluene	0.0154
1,2,4-Trimethylbenzene	0.00713
1,2,3-Trimethylbenzene	0.00144
1,3,5-Trimethylbenzene	0.00333
Xylenes	0.0232

Soil boring B-8	Depth 5 -6 ft.
Dated Sampled 3/11/2016	
Compound	Concentrations
1,2,4-Trimethylbenzene	0.0254
Antracene	0.0753
Acenaphthylene	0.461
Benzo(a)anthracene	0.348
Benzo(a)pyrene	0.313
Benzo(b)Fluoranthene	0.34
Benzo(ghi)perylene	0.209
Benzo(k)Fluoranthene	0.133
Chrysene	0.364
Fluoranthene	0.566
Indeno(1,23-cd)pyrene	0.174
Phenanthrene	1.52
Pyrene	1.2

Soil boring B-9	Depth 10 - 11ft.
Dated Sampled 3/11/2016	
Compound	Concentrations
Sec-Butlybenzene	0.0059
Tert Butylbenzene	0.0064

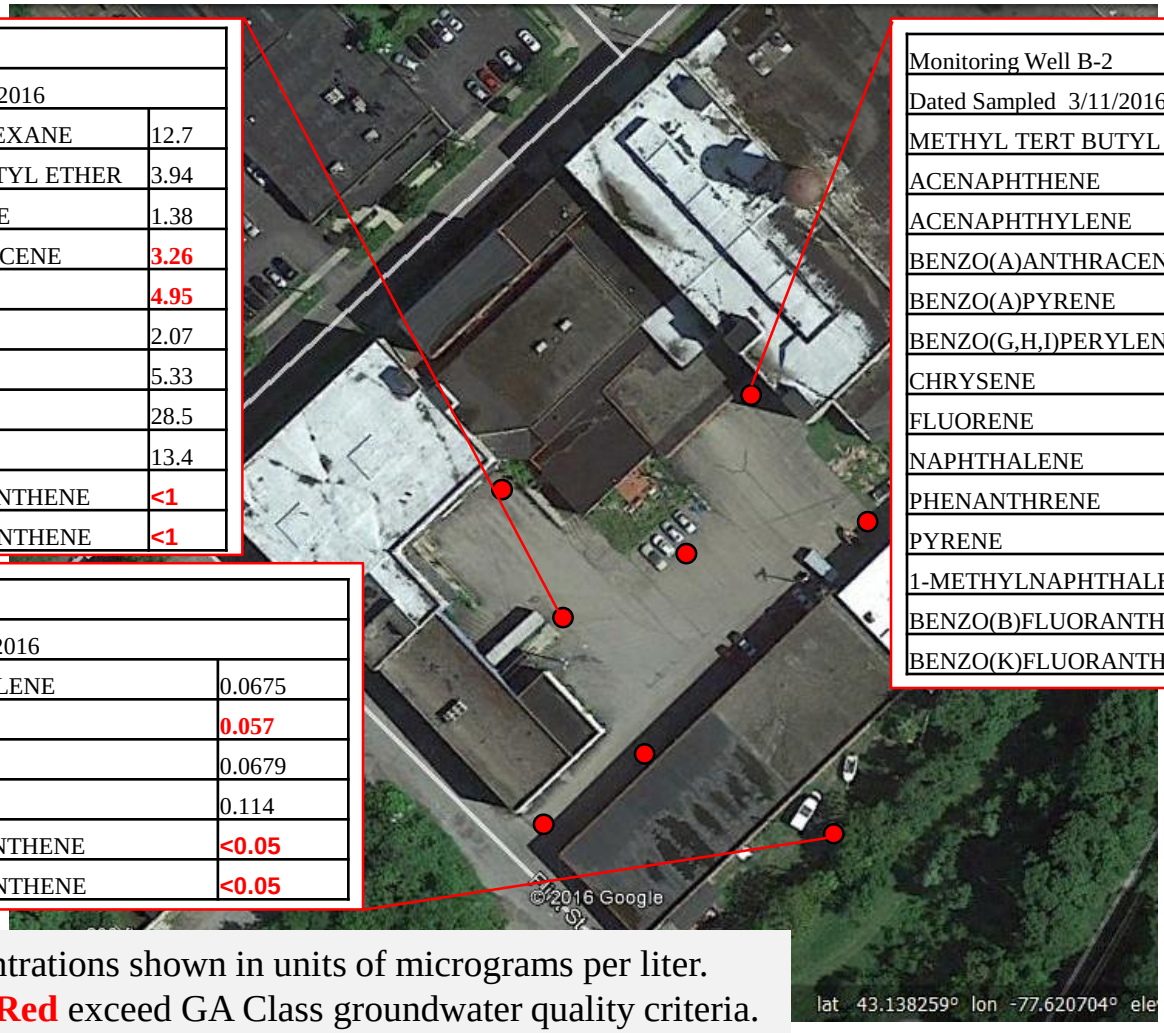
LEADER

Figure 2
Summary of Soil Sample Results
Flint Redevelopment LLC
22 Flint and 936 Exchange Streets
Rochester, N.Y.

Monitoring Well B-5	
Dated Sampled 3/11/2016	
METHYL CYCLOHEXANE	12.7
METHYL TERT BUTYL ETHER	3.94
ACENAPHTHYLENE	1.38
BENZO(A)ANTHRACENE	**3.26**
CHRYSENE	**4.95**
FLUORANTHENE	2.07
FLUORENE	5.33
PHENANTHRENE	28.5
PYRENE	13.4
BENZO(B)FLUORANTHENE	**<1**
BENZO(K)FLUORANTHENE	**<1**

Monitoring Well B-2	
Dated Sampled 3/11/2016	
METHYL TERT BUTYL ETHER	1.14
ACENAPHTHENE	1.07
ACENAPHTHYLENE	0.312
BENZO(A)ANTHRACENE	**0.386**
BENZO(A)PYRENE	0.125
BENZO(G,H,I)PERYLENE	0.1
CHRYSENE	**0.469**
FLUORENE	1.96
NAPHTHALENE	0.453
PHENANTHRENE	1.89
PYRENE	1.45
1-METHYLNAPHTHALENE	0.626
BENZO(B)FLUORANTHENE	**<0.05**
BENZO(K)FLUORANTHENE	**<0.05**

Monitoring Well B-9	
Dated Sampled 3/11/2016	
BENZO(G,H,I)PERYLENE	0.0675
CHRYSENE	**0.057**
PHENANTHRENE	0.0679
PYRENE	0.114
BENZO(B)FLUORANTHENE	**<0.05**
BENZO(K)FLUORANTHENE	**<0.05**



Notes: All concentrations shown in units of micrograms per liter.
Values shown in **Red** exceed GA Class groundwater quality criteria.

Title
Summary of Groundwater Results
22 Flint and 936 Exchange Streets
Rochester, New York

Prepared For
Flint Redevelopment, LLC
1400 Crossroads Building
Rochester, New York

LEADER
Leader Professional Services, Inc
271 Marsh Road-Suite 2
Pittsford, New York 14534
(585) 248-2413
FAX (585) 248-2834

Project 900.001
Date 3/28/2016
Scale NTS

Drawn PVS
Checked MPR
File Name 856.001

Figure 3

Laboratory Package

ANALYTICAL REPORT

March 23, 2016

Leader Environmental

Sample Delivery Group:	L823238
Samples Received:	03/12/2016
Project Number:	900.001
Description:	Foodlink Flint Street Project

Report To:

Mr. Peter von Schondorf
271 Marsh Road, Suite 2
Pittsford, NY 14534

Entire Report Reviewed By:

Terrie Fudge
Technical Service Representative

TABLE OF CONTENTS

B-1 7 L823238-01 Solid

Collected by: Pete VonSchondorf
Collected date/time: 03/10/16 08:25
Received date/time: 03/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG857147	20	03/17/16 10:42	03/18/16 10:56	KMP
Total Solids by Method 2540 G-2011	WG856737	1	03/16/16 08:14	03/17/16 10:43	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG857090	11.25	03/18/16 12:11	03/18/16 18:12	JHH

B-2 12 L823238-02 Solid

Collected by: Pete VonSchondorf
Collected date/time: 03/10/16 08:55
Received date/time: 03/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG857147	20	03/17/16 10:42	03/18/16 11:17	KMP
Total Solids by Method 2540 G-2011	WG856737	1	03/16/16 08:14	03/17/16 10:43	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG857090	10.5	03/18/16 12:11	03/18/16 18:31	JHH

B-4 3-4.5 L823238-03 Solid

Collected by: Pete VonSchondorf
Collected date/time: 03/10/16 10:08
Received date/time: 03/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG857147	20	03/17/16 10:42	03/18/16 11:38	KMP
Total Solids by Method 2540 G-2011	WG856737	1	03/16/16 08:14	03/17/16 10:43	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG857090	100	03/18/16 12:11	03/18/16 18:49	ACG

B-5 11 L823238-04 Solid

Collected by: Pete VonSchondorf
Collected date/time: 03/10/16 10:24
Received date/time: 03/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG857147	20	03/17/16 10:42	03/18/16 09:10	KMP
Total Solids by Method 2540 G-2011	WG856737	1	03/16/16 08:14	03/17/16 10:43	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG857090	44	03/18/16 12:11	03/18/16 19:07	JHH

B-6 9-10FT L823238-05 Solid

Collected by: Pete VonSchondorf
Collected date/time: 03/10/16 10:53
Received date/time: 03/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG857147	20	03/17/16 10:42	03/18/16 09:32	KMP
Total Solids by Method 2540 G-2011	WG856737	1	03/16/16 08:14	03/17/16 10:43	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG858268	10.75	03/22/16 02:48	03/22/16 10:42	ACG

B-7 9-12.2 L823238-06 Solid

Collected by: Pete VonSchondorf
Collected date/time: 03/10/16 11:23
Received date/time: 03/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG857147	20	03/17/16 10:42	03/18/16 09:53	KMP
Total Solids by Method 2540 G-2011	WG856737	1	03/16/16 08:14	03/17/16 10:43	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG857090	1	03/18/16 12:11	03/18/16 19:44	JHH

B-8 5-6 L823238-07 Solid

Collected by: Pete VonSchondorf | Collected date/time: 03/10/16 13:05 | Received date/time: 03/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG857147	20	03/17/16 10:42	03/18/16 10:14	KMP
Total Solids by Method 2540 G-2011	WG856739	1	03/16/16 07:51	03/17/16 10:06	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG857090	25	03/18/16 12:11	03/18/16 20:02	JHH

B-9 10-11FT L823238-08 Solid

Collected by: Pete VonSchondorf | Collected date/time: 03/10/16 13:45 | Received date/time: 03/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG857147	20	03/17/16 10:42	03/18/16 10:35	KMP
Total Solids by Method 2540 G-2011	WG856739	1	03/16/16 07:51	03/17/16 10:07	KDW
Volatile Organic Compounds (GC/MS) by Method 8260C	WG857090	5	03/18/16 12:11	03/18/16 20:20	JHH

B-5 L823238-09 GW

Collected by: Pete VonSchondorf | Collected date/time: 03/10/16 12:13 | Received date/time: 03/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG856973	20	03/17/16 13:31	03/18/16 18:36	FMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG857606	1	03/19/16 09:25	03/19/16 09:25	JHH

B-2 L823238-10 GW

Collected by: Pete VonSchondorf | Collected date/time: 03/10/16 14:29 | Received date/time: 03/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG856973	1	03/17/16 13:31	03/18/16 01:36	FMB
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG856973	20	03/17/16 13:31	03/21/16 22:35	FMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG856381	1	03/18/16 11:09	03/18/16 11:09	DAH

B-9 L823238-11 GW

Collected by: Pete VonSchondorf | Collected date/time: 03/10/16 16:00 | Received date/time: 03/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM	WG856973	1	03/17/16 13:31	03/18/16 01:59	FMB
Volatile Organic Compounds (GC/MS) by Method 8260B	WG856381	1	03/18/16 11:30	03/18/16 11:30	DAH

TRIPBLANK L823238-12 GW

Collected by: Pete VonSchondorf | Collected date/time: 03/10/16 00:00 | Received date/time: 03/12/16 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC/MS) by Method 8260B	WG856815	1	03/16/16 19:29	03/16/16 19:29	BMB

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Terrie Fudge
Technical Service Representative

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.9		1	03/17/2016 10:43	WG856737

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Acetone	ND		562	11.25	03/18/2016 18:12	WG857090
Acrylonitrile	ND		112	11.25	03/18/2016 18:12	WG857090
Benzene	12.5		11.2	11.25	03/18/2016 18:12	WG857090
Bromobenzene	ND		11.2	11.25	03/18/2016 18:12	WG857090
Bromodichloromethane	ND		11.2	11.25	03/18/2016 18:12	WG857090
Bromoform	ND		11.2	11.25	03/18/2016 18:12	WG857090
Bromomethane	ND		56.2	11.25	03/18/2016 18:12	WG857090
n-Butylbenzene	13.2		11.2	11.25	03/18/2016 18:12	WG857090
sec-Butylbenzene	58.7		11.2	11.25	03/18/2016 18:12	WG857090
tert-Butylbenzene	28.6		11.2	11.25	03/18/2016 18:12	WG857090
Carbon tetrachloride	ND		11.2	11.25	03/18/2016 18:12	WG857090
Chlorobenzene	933		11.2	11.25	03/18/2016 18:12	WG857090
Chlorodibromomethane	ND		11.2	11.25	03/18/2016 18:12	WG857090
Chloroethane	ND		56.2	11.25	03/18/2016 18:12	WG857090
2-Chloroethyl vinyl ether	ND		562	11.25	03/18/2016 18:12	WG857090
Chloroform	ND		56.2	11.25	03/18/2016 18:12	WG857090
Chloromethane	ND		28.1	11.25	03/18/2016 18:12	WG857090
2-Chlorotoluene	ND		11.2	11.25	03/18/2016 18:12	WG857090
4-Chlorotoluene	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,2-Dibromo-3-Chloropropane	ND		56.2	11.25	03/18/2016 18:12	WG857090
1,2-Dibromoethane	ND		11.2	11.25	03/18/2016 18:12	WG857090
Dibromomethane	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,2-Dichlorobenzene	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,3-Dichlorobenzene	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,4-Dichlorobenzene	ND		11.2	11.25	03/18/2016 18:12	WG857090
Dichlorodifluoromethane	ND		56.2	11.25	03/18/2016 18:12	WG857090
1,1-Dichloroethane	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,2-Dichloroethane	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,1-Dichloroethene	ND		11.2	11.25	03/18/2016 18:12	WG857090
cis-1,2-Dichloroethene	ND		11.2	11.25	03/18/2016 18:12	WG857090
trans-1,2-Dichloroethene	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,2-Dichloropropane	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,1-Dichloropropene	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,3-Dichloropropane	ND		11.2	11.25	03/18/2016 18:12	WG857090
cis-1,3-Dichloropropene	ND		11.2	11.25	03/18/2016 18:12	WG857090
trans-1,3-Dichloropropene	ND		11.2	11.25	03/18/2016 18:12	WG857090
2,2-Dichloropropane	ND		11.2	11.25	03/18/2016 18:12	WG857090
Di-isopropyl ether	ND		11.2	11.25	03/18/2016 18:12	WG857090
Ethylbenzene	ND		11.2	11.25	03/18/2016 18:12	WG857090
Hexachloro-1,3-butadiene	ND		11.2	11.25	03/18/2016 18:12	WG857090
Isopropylbenzene	28.0		11.2	11.25	03/18/2016 18:12	WG857090
p-Isopropyltoluene	ND		11.2	11.25	03/18/2016 18:12	WG857090
2-Butanone (MEK)	ND		112	11.25	03/18/2016 18:12	WG857090
Methylene Chloride	ND		56.2	11.25	03/18/2016 18:12	WG857090
4-Methyl-2-pentanone (MIBK)	ND		112	11.25	03/18/2016 18:12	WG857090
Methyl tert-butyl ether	ND		11.2	11.25	03/18/2016 18:12	WG857090
Naphthalene	ND		56.2	11.25	03/18/2016 18:12	WG857090
n-Propylbenzene	ND		11.2	11.25	03/18/2016 18:12	WG857090
Styrene	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,1,1,2-Tetrachloroethane	ND		11.2	11.25	03/18/2016 18:12	WG857090

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
1,1,2,2-Tetrachloroethane	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,1,2-Trichlorotrifluoroethane	ND		11.2	11.25	03/18/2016 18:12	WG857090
Tetrachloroethene	ND		11.2	11.25	03/18/2016 18:12	WG857090
Toluene	ND		56.2	11.25	03/18/2016 18:12	WG857090
1,2,3-Trichlorobenzene	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,2,4-Trichlorobenzene	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,1,1-Trichloroethane	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,1,2-Trichloroethane	ND		11.2	11.25	03/18/2016 18:12	WG857090
Trichloroethene	ND		11.2	11.25	03/18/2016 18:12	WG857090
Trichlorofluoromethane	ND		56.2	11.25	03/18/2016 18:12	WG857090
1,2,3-Trichloropropane	ND		28.1	11.25	03/18/2016 18:12	WG857090
1,2,4-Trimethylbenzene	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,2,3-Trimethylbenzene	ND		11.2	11.25	03/18/2016 18:12	WG857090
Vinyl chloride	ND		11.2	11.25	03/18/2016 18:12	WG857090
1,3,5-Trimethylbenzene	ND		11.2	11.25	03/18/2016 18:12	WG857090
Xylenes, Total	ND		33.8	11.25	03/18/2016 18:12	WG857090
(S) Toluene-d8	*95.0*		*88.7-115*		*03/18/2016 18:12*	WG857090
(S) Dibromofluoromethane	*91.1*		*76.3-123*		*03/18/2016 18:12*	WG857090
(S) 4-Bromofluorobenzene	*98.6*		*69.7-129*		*03/18/2016 18:12*	WG857090

Sample Narrative:

8260C L823238-01 WG857090: Non-target compounds too high to run at a lower dilution.

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		120	20	03/18/2016 10:56	WG857147
Acenaphthene	ND		120	20	03/18/2016 10:56	WG857147
Acenaphthylene	ND		120	20	03/18/2016 10:56	WG857147
Benzo(a)anthracene	ND		120	20	03/18/2016 10:56	WG857147
Benzo(a)pyrene	ND		120	20	03/18/2016 10:56	WG857147
Benzo(b)fluoranthene	ND		120	20	03/18/2016 10:56	WG857147
Benzo(g,h,i)perylene	ND		120	20	03/18/2016 10:56	WG857147
Benzo(k)fluoranthene	ND		120	20	03/18/2016 10:56	WG857147
Chrysene	ND		120	20	03/18/2016 10:56	WG857147
Dibenz(a,h)anthracene	ND		120	20	03/18/2016 10:56	WG857147
Fluoranthene	ND		120	20	03/18/2016 10:56	WG857147
Fluorene	ND		120	20	03/18/2016 10:56	WG857147
Indeno(1,2,3-cd)pyrene	ND		120	20	03/18/2016 10:56	WG857147
Naphthalene	ND		400	20	03/18/2016 10:56	WG857147
Phenanthrene	ND		120	20	03/18/2016 10:56	WG857147
Pyrene	ND		120	20	03/18/2016 10:56	WG857147
1-Methylnaphthalene	ND		400	20	03/18/2016 10:56	WG857147
2-Methylnaphthalene	ND		400	20	03/18/2016 10:56	WG857147
2-Chloronaphthalene	ND		400	20	03/18/2016 10:56	WG857147
(S) Nitrobenzene-d5	*78.9*	J7	*22.1-146*		*03/18/2016 10:56*	WG857147
(S) 2-Fluorobiphenyl	*79.2*	J7	*40.6-122*		*03/18/2016 10:56*	WG857147
(S) p-Terphenyl-d14	*78.1*	J7	*32.2-131*		*03/18/2016 10:56*	WG857147

Sample Narrative:

8270D-SIM L823238-01 WG857147: Dilution due to matrix

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.4		1	03/17/2016 10:43	WG856737

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Acetone	ND		525	10.5	03/18/2016 18:31	WG857090
Acrylonitrile	ND		105	10.5	03/18/2016 18:31	WG857090
Benzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
Bromobenzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
Bromodichloromethane	ND		10.5	10.5	03/18/2016 18:31	WG857090
Bromoform	ND		10.5	10.5	03/18/2016 18:31	WG857090
Bromomethane	ND		52.5	10.5	03/18/2016 18:31	WG857090
n-Butylbenzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
sec-Butylbenzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
tert-Butylbenzene	49.9		10.5	10.5	03/18/2016 18:31	WG857090
Carbon tetrachloride	ND		10.5	10.5	03/18/2016 18:31	WG857090
Chlorobenzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
Chlorodibromomethane	ND		10.5	10.5	03/18/2016 18:31	WG857090
Chloroethane	ND		52.5	10.5	03/18/2016 18:31	WG857090
2-Chloroethyl vinyl ether	ND		525	10.5	03/18/2016 18:31	WG857090
Chloroform	ND		52.5	10.5	03/18/2016 18:31	WG857090
Chloromethane	ND		26.2	10.5	03/18/2016 18:31	WG857090
2-Chlorotoluene	ND		10.5	10.5	03/18/2016 18:31	WG857090
4-Chlorotoluene	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,2-Dibromo-3-Chloropropane	ND		52.5	10.5	03/18/2016 18:31	WG857090
1,2-Dibromoethane	ND		10.5	10.5	03/18/2016 18:31	WG857090
Dibromomethane	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,2-Dichlorobenzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,3-Dichlorobenzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,4-Dichlorobenzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
Dichlorodifluoromethane	ND		52.5	10.5	03/18/2016 18:31	WG857090
1,1-Dichloroethane	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,2-Dichloroethane	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,1-Dichloroethene	ND		10.5	10.5	03/18/2016 18:31	WG857090
cis-1,2-Dichloroethene	ND		10.5	10.5	03/18/2016 18:31	WG857090
trans-1,2-Dichloroethene	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,2-Dichloropropane	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,1-Dichloropropene	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,3-Dichloropropane	ND		10.5	10.5	03/18/2016 18:31	WG857090
cis-1,3-Dichloropropene	ND		10.5	10.5	03/18/2016 18:31	WG857090
trans-1,3-Dichloropropene	ND		10.5	10.5	03/18/2016 18:31	WG857090
2,2-Dichloropropane	ND		10.5	10.5	03/18/2016 18:31	WG857090
Di-isopropyl ether	ND		10.5	10.5	03/18/2016 18:31	WG857090
Ethylbenzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
Hexachloro-1,3-butadiene	ND		10.5	10.5	03/18/2016 18:31	WG857090
Isopropylbenzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
p-Isopropyltoluene	ND		10.5	10.5	03/18/2016 18:31	WG857090
2-Butanone (MEK)	ND		105	10.5	03/18/2016 18:31	WG857090
Methylene Chloride	ND		52.5	10.5	03/18/2016 18:31	WG857090
4-Methyl-2-pentanone (MIBK)	ND		105	10.5	03/18/2016 18:31	WG857090
Methyl tert-butyl ether	ND		10.5	10.5	03/18/2016 18:31	WG857090
Naphthalene	ND		52.5	10.5	03/18/2016 18:31	WG857090
n-Propylbenzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
Styrene	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,1,1,2-Tetrachloroethane	ND		10.5	10.5	03/18/2016 18:31	WG857090

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
1,1,2,2-Tetrachloroethane	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,1,2-Trichlorotrifluoroethane	ND		10.5	10.5	03/18/2016 18:31	WG857090
Tetrachloroethene	ND		10.5	10.5	03/18/2016 18:31	WG857090
Toluene	ND		52.5	10.5	03/18/2016 18:31	WG857090
1,2,3-Trichlorobenzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,2,4-Trichlorobenzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,1,1-Trichloroethane	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,1,2-Trichloroethane	ND		10.5	10.5	03/18/2016 18:31	WG857090
Trichloroethene	ND		10.5	10.5	03/18/2016 18:31	WG857090
Trichlorofluoromethane	ND		52.5	10.5	03/18/2016 18:31	WG857090
1,2,3-Trichloropropane	ND		26.2	10.5	03/18/2016 18:31	WG857090
1,2,4-Trimethylbenzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,2,3-Trimethylbenzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
Vinyl chloride	ND		10.5	10.5	03/18/2016 18:31	WG857090
1,3,5-Trimethylbenzene	ND		10.5	10.5	03/18/2016 18:31	WG857090
Xylenes, Total	ND		31.5	10.5	03/18/2016 18:31	WG857090
(S) Toluene-d8	*100*		*88.7-115*		*03/18/2016 18:31*	WG857090
(S) Dibromofluoromethane	*93.5*		*76.3-123*		*03/18/2016 18:31*	WG857090
(S) 4-Bromofluorobenzene	*111*		*69.7-129*		*03/18/2016 18:31*	WG857090

Sample Narrative:

8260C L823238-02 WG857090: Non-target compounds too high to run at a lower dilution.

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		120	20	03/18/2016 11:17	WG857147
Acenaphthene	ND		120	20	03/18/2016 11:17	WG857147
Acenaphthylene	ND		120	20	03/18/2016 11:17	WG857147
Benzo(a)anthracene	ND		120	20	03/18/2016 11:17	WG857147
Benzo(a)pyrene	ND		120	20	03/18/2016 11:17	WG857147
Benzo(b)fluoranthene	ND		120	20	03/18/2016 11:17	WG857147
Benzo(g,h,i)perylene	ND		120	20	03/18/2016 11:17	WG857147
Benzo(k)fluoranthene	ND		120	20	03/18/2016 11:17	WG857147
Chrysene	ND		120	20	03/18/2016 11:17	WG857147
Dibenz(a,h)anthracene	ND		120	20	03/18/2016 11:17	WG857147
Fluoranthene	ND		120	20	03/18/2016 11:17	WG857147
Fluorene	ND		120	20	03/18/2016 11:17	WG857147
Indeno(1,2,3-cd)pyrene	ND		120	20	03/18/2016 11:17	WG857147
Naphthalene	ND		400	20	03/18/2016 11:17	WG857147
Phenanthrene	ND		120	20	03/18/2016 11:17	WG857147
Pyrene	ND		120	20	03/18/2016 11:17	WG857147
1-Methylnaphthalene	ND		400	20	03/18/2016 11:17	WG857147
2-Methylnaphthalene	ND		400	20	03/18/2016 11:17	WG857147
2-Chloronaphthalene	ND		400	20	03/18/2016 11:17	WG857147
(S) Nitrobenzene-d5	*71.6*	J7	*22.1-146*		*03/18/2016 11:17*	WG857147
(S) 2-Fluorobiphenyl	*70.9*	J7	*40.6-122*		*03/18/2016 11:17*	WG857147
(S) p-Terphenyl-d14	*66.8*	J7	*32.2-131*		*03/18/2016 11:17*	WG857147

Sample Narrative:

8270D-SIM L823238-02 WG857147: Dilution due to matrix

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	90.0		1	03/17/2016 10:43	WG856737

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Acetone	ND		5000	100	03/18/2016 18:49	WG857090
Acrylonitrile	ND		1000	100	03/18/2016 18:49	WG857090
Benzene	ND		100	100	03/18/2016 18:49	WG857090
Bromobenzene	ND		100	100	03/18/2016 18:49	WG857090
Bromodichloromethane	ND		100	100	03/18/2016 18:49	WG857090
Bromoform	ND		100	100	03/18/2016 18:49	WG857090
Bromomethane	ND		500	100	03/18/2016 18:49	WG857090
n-Butylbenzene	ND		100	100	03/18/2016 18:49	WG857090
sec-Butylbenzene	ND		100	100	03/18/2016 18:49	WG857090
tert-Butylbenzene	ND		100	100	03/18/2016 18:49	WG857090
Carbon tetrachloride	ND		100	100	03/18/2016 18:49	WG857090
Chlorobenzene	ND		100	100	03/18/2016 18:49	WG857090
Chlorodibromomethane	ND		100	100	03/18/2016 18:49	WG857090
Chloroethane	ND		500	100	03/18/2016 18:49	WG857090
2-Chloroethyl vinyl ether	ND		5000	100	03/18/2016 18:49	WG857090
Chloroform	ND		500	100	03/18/2016 18:49	WG857090
Chloromethane	ND		250	100	03/18/2016 18:49	WG857090
2-Chlorotoluene	ND		100	100	03/18/2016 18:49	WG857090
4-Chlorotoluene	ND		100	100	03/18/2016 18:49	WG857090
1,2-Dibromo-3-Chloropropane	ND		500	100	03/18/2016 18:49	WG857090
1,2-Dibromoethane	ND		100	100	03/18/2016 18:49	WG857090
Dibromomethane	ND		100	100	03/18/2016 18:49	WG857090
1,2-Dichlorobenzene	ND		100	100	03/18/2016 18:49	WG857090
1,3-Dichlorobenzene	ND		100	100	03/18/2016 18:49	WG857090
1,4-Dichlorobenzene	ND		100	100	03/18/2016 18:49	WG857090
Dichlorodifluoromethane	ND		500	100	03/18/2016 18:49	WG857090
1,1-Dichloroethane	ND		100	100	03/18/2016 18:49	WG857090
1,2-Dichloroethane	ND		100	100	03/18/2016 18:49	WG857090
1,1-Dichloroethene	ND		100	100	03/18/2016 18:49	WG857090
cis-1,2-Dichloroethene	ND		100	100	03/18/2016 18:49	WG857090
trans-1,2-Dichloroethene	ND		100	100	03/18/2016 18:49	WG857090
1,2-Dichloropropane	ND		100	100	03/18/2016 18:49	WG857090
1,1-Dichloropropene	ND		100	100	03/18/2016 18:49	WG857090
1,3-Dichloropropane	ND		100	100	03/18/2016 18:49	WG857090
cis-1,3-Dichloropropene	ND		100	100	03/18/2016 18:49	WG857090
trans-1,3-Dichloropropene	ND		100	100	03/18/2016 18:49	WG857090
2,2-Dichloropropane	ND		100	100	03/18/2016 18:49	WG857090
Di-isopropyl ether	ND		100	100	03/18/2016 18:49	WG857090
Ethylbenzene	ND		100	100	03/18/2016 18:49	WG857090
Hexachloro-1,3-butadiene	ND		100	100	03/18/2016 18:49	WG857090
Isopropylbenzene	ND		100	100	03/18/2016 18:49	WG857090
p-Isopropyltoluene	ND		100	100	03/18/2016 18:49	WG857090
2-Butanone (MEK)	ND		1000	100	03/18/2016 18:49	WG857090
Methylene Chloride	ND		500	100	03/18/2016 18:49	WG857090
4-Methyl-2-pentanone (MIBK)	ND		1000	100	03/18/2016 18:49	WG857090
Methyl tert-butyl ether	ND		100	100	03/18/2016 18:49	WG857090
Naphthalene	ND		500	100	03/18/2016 18:49	WG857090
n-Propylbenzene	ND		100	100	03/18/2016 18:49	WG857090
Styrene	ND		100	100	03/18/2016 18:49	WG857090
1,1,1,2-Tetrachloroethane	ND		100	100	03/18/2016 18:49	WG857090

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
1,1,2,2-Tetrachloroethane	ND		100	100	03/18/2016 18:49	WG857090
1,1,2-Trichlorotrifluoroethane	ND		100	100	03/18/2016 18:49	WG857090
Tetrachloroethene	ND		100	100	03/18/2016 18:49	WG857090
Toluene	ND		500	100	03/18/2016 18:49	WG857090
1,2,3-Trichlorobenzene	ND		100	100	03/18/2016 18:49	WG857090
1,2,4-Trichlorobenzene	ND		100	100	03/18/2016 18:49	WG857090
1,1,1-Trichloroethane	ND		100	100	03/18/2016 18:49	WG857090
1,1,2-Trichloroethane	ND		100	100	03/18/2016 18:49	WG857090
Trichloroethene	ND		100	100	03/18/2016 18:49	WG857090
Trichlorofluoromethane	ND		500	100	03/18/2016 18:49	WG857090
1,2,3-Trichloropropane	ND		250	100	03/18/2016 18:49	WG857090
1,2,4-Trimethylbenzene	ND		100	100	03/18/2016 18:49	WG857090
1,2,3-Trimethylbenzene	ND		100	100	03/18/2016 18:49	WG857090
Vinyl chloride	ND		100	100	03/18/2016 18:49	WG857090
1,3,5-Trimethylbenzene	ND		100	100	03/18/2016 18:49	WG857090
Xylenes, Total	ND		300	100	03/18/2016 18:49	WG857090
(S) Toluene-d8	*99.8*		*88.7-115*		*03/18/2016 18:49*	WG857090
(S) Dibromofluoromethane	*96.1*		*76.3-123*		*03/18/2016 18:49*	WG857090
(S) 4-Bromofluorobenzene	*103*		*69.7-129*		*03/18/2016 18:49*	WG857090

Sample Narrative:

8260C L823238-03 WG857090: Internal standards fail high when ran at a lower dilution.

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		120	20	03/18/2016 11:38	WG857147
Acenaphthene	ND		120	20	03/18/2016 11:38	WG857147
Acenaphthylene	ND		120	20	03/18/2016 11:38	WG857147
Benzo(a)anthracene	ND		120	20	03/18/2016 11:38	WG857147
Benzo(a)pyrene	ND		120	20	03/18/2016 11:38	WG857147
Benzo(b)fluoranthene	ND		120	20	03/18/2016 11:38	WG857147
Benzo(g,h,i)perylene	ND		120	20	03/18/2016 11:38	WG857147
Benzo(k)fluoranthene	ND		120	20	03/18/2016 11:38	WG857147
Chrysene	ND		120	20	03/18/2016 11:38	WG857147
Dibenz(a,h)anthracene	ND		120	20	03/18/2016 11:38	WG857147
Fluoranthene	ND		120	20	03/18/2016 11:38	WG857147
Fluorene	ND		120	20	03/18/2016 11:38	WG857147
Indeno(1,2,3-cd)pyrene	ND		120	20	03/18/2016 11:38	WG857147
Naphthalene	ND		400	20	03/18/2016 11:38	WG857147
Phenanthrene	ND		120	20	03/18/2016 11:38	WG857147
Pyrene	ND		120	20	03/18/2016 11:38	WG857147
1-Methylnaphthalene	ND		400	20	03/18/2016 11:38	WG857147
2-Methylnaphthalene	ND		400	20	03/18/2016 11:38	WG857147
2-Chloronaphthalene	ND		400	20	03/18/2016 11:38	WG857147
(S) Nitrobenzene-d5	*83.6*	J7	*22.1-146*		*03/18/2016 11:38*	WG857147
(S) 2-Fluorobiphenyl	*65.6*	J7	*40.6-122*		*03/18/2016 11:38*	WG857147
(S) p-Terphenyl-d14	*65.8*	J7	*32.2-131*		*03/18/2016 11:38*	WG857147

Sample Narrative:

8270D-SIM L823238-03 WG857147: Dilution due to matrix

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.7		1	03/17/2016 10:43	WG856737

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Acetone	ND		2200	44	03/18/2016 19:07	WG857090
Acrylonitrile	ND		440	44	03/18/2016 19:07	WG857090
Benzene	ND		44.0	44	03/18/2016 19:07	WG857090
Bromobenzene	ND		44.0	44	03/18/2016 19:07	WG857090
Bromodichloromethane	ND		44.0	44	03/18/2016 19:07	WG857090
Bromoform	ND		44.0	44	03/18/2016 19:07	WG857090
Bromomethane	ND		220	44	03/18/2016 19:07	WG857090
n-Butylbenzene	ND		44.0	44	03/18/2016 19:07	WG857090
sec-Butylbenzene	ND		44.0	44	03/18/2016 19:07	WG857090
tert-Butylbenzene	72.6		44.0	44	03/18/2016 19:07	WG857090
Carbon tetrachloride	ND		44.0	44	03/18/2016 19:07	WG857090
Chlorobenzene	ND		44.0	44	03/18/2016 19:07	WG857090
Chlorodibromomethane	ND		44.0	44	03/18/2016 19:07	WG857090
Chloroethane	ND		220	44	03/18/2016 19:07	WG857090
2-Chloroethyl vinyl ether	ND		2200	44	03/18/2016 19:07	WG857090
Chloroform	ND		220	44	03/18/2016 19:07	WG857090
Chloromethane	ND		110	44	03/18/2016 19:07	WG857090
2-Chlorotoluene	ND		44.0	44	03/18/2016 19:07	WG857090
4-Chlorotoluene	ND		44.0	44	03/18/2016 19:07	WG857090
1,2-Dibromo-3-Chloropropane	ND		220	44	03/18/2016 19:07	WG857090
1,2-Dibromoethane	ND		44.0	44	03/18/2016 19:07	WG857090
Dibromomethane	ND		44.0	44	03/18/2016 19:07	WG857090
1,2-Dichlorobenzene	ND		44.0	44	03/18/2016 19:07	WG857090
1,3-Dichlorobenzene	ND		44.0	44	03/18/2016 19:07	WG857090
1,4-Dichlorobenzene	ND		44.0	44	03/18/2016 19:07	WG857090
Dichlorodifluoromethane	ND		220	44	03/18/2016 19:07	WG857090
1,1-Dichloroethane	ND		44.0	44	03/18/2016 19:07	WG857090
1,2-Dichloroethane	ND		44.0	44	03/18/2016 19:07	WG857090
1,1-Dichloroethene	ND		44.0	44	03/18/2016 19:07	WG857090
cis-1,2-Dichloroethene	ND		44.0	44	03/18/2016 19:07	WG857090
trans-1,2-Dichloroethene	ND		44.0	44	03/18/2016 19:07	WG857090
1,2-Dichloropropane	ND		44.0	44	03/18/2016 19:07	WG857090
1,1-Dichloropropene	ND		44.0	44	03/18/2016 19:07	WG857090
1,3-Dichloropropane	ND		44.0	44	03/18/2016 19:07	WG857090
cis-1,3-Dichloropropene	ND		44.0	44	03/18/2016 19:07	WG857090
trans-1,3-Dichloropropene	ND		44.0	44	03/18/2016 19:07	WG857090
2,2-Dichloropropane	ND		44.0	44	03/18/2016 19:07	WG857090
Di-isopropyl ether	ND		44.0	44	03/18/2016 19:07	WG857090
Ethylbenzene	ND		44.0	44	03/18/2016 19:07	WG857090
Hexachloro-1,3-butadiene	ND		44.0	44	03/18/2016 19:07	WG857090
Isopropylbenzene	ND		44.0	44	03/18/2016 19:07	WG857090
p-Isopropyltoluene	ND		44.0	44	03/18/2016 19:07	WG857090
2-Butanone (MEK)	ND		440	44	03/18/2016 19:07	WG857090
Methylene Chloride	ND		220	44	03/18/2016 19:07	WG857090
4-Methyl-2-pentanone (MIBK)	ND		440	44	03/18/2016 19:07	WG857090
Methyl tert-butyl ether	ND		44.0	44	03/18/2016 19:07	WG857090
Naphthalene	ND		220	44	03/18/2016 19:07	WG857090
n-Propylbenzene	ND		44.0	44	03/18/2016 19:07	WG857090
Styrene	ND		44.0	44	03/18/2016 19:07	WG857090
1,1,1,2-Tetrachloroethane	ND		44.0	44	03/18/2016 19:07	WG857090

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
1,1,2,2-Tetrachloroethane	ND		44.0	44	03/18/2016 19:07	WG857090
1,1,2-Trichlorotrifluoroethane	ND		44.0	44	03/18/2016 19:07	WG857090
Tetrachloroethene	ND		44.0	44	03/18/2016 19:07	WG857090
Toluene	ND		220	44	03/18/2016 19:07	WG857090
1,2,3-Trichlorobenzene	ND		44.0	44	03/18/2016 19:07	WG857090
1,2,4-Trichlorobenzene	ND		44.0	44	03/18/2016 19:07	WG857090
1,1,1-Trichloroethane	ND		44.0	44	03/18/2016 19:07	WG857090
1,1,2-Trichloroethane	ND		44.0	44	03/18/2016 19:07	WG857090
Trichloroethene	ND		44.0	44	03/18/2016 19:07	WG857090
Trichlorofluoromethane	ND		220	44	03/18/2016 19:07	WG857090
1,2,3-Trichloropropane	ND		110	44	03/18/2016 19:07	WG857090
1,2,4-Trimethylbenzene	ND		44.0	44	03/18/2016 19:07	WG857090
1,2,3-Trimethylbenzene	ND		44.0	44	03/18/2016 19:07	WG857090
Vinyl chloride	ND		44.0	44	03/18/2016 19:07	WG857090
1,3,5-Trimethylbenzene	ND		44.0	44	03/18/2016 19:07	WG857090
Xylenes, Total	ND		132	44	03/18/2016 19:07	WG857090
(S) Toluene-d8	*100*		*88.7-115*		*03/18/2016 19:07*	WG857090
(S) Dibromofluoromethane	*93.9*		*76.3-123*		*03/18/2016 19:07*	WG857090
(S) 4-Bromofluorobenzene	*102*		*69.7-129*		*03/18/2016 19:07*	WG857090

Sample Narrative:

8260C L823238-04 WG857090: Non-target compounds too high to run at a lower dilution.

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		120	20	03/18/2016 09:10	WG857147
Acenaphthene	ND		120	20	03/18/2016 09:10	WG857147
Acenaphthylene	ND		120	20	03/18/2016 09:10	WG857147
Benzo(a)anthracene	ND		120	20	03/18/2016 09:10	WG857147
Benzo(a)pyrene	ND		120	20	03/18/2016 09:10	WG857147
Benzo(b)fluoranthene	ND		120	20	03/18/2016 09:10	WG857147
Benzo(g,h,i)perylene	ND		120	20	03/18/2016 09:10	WG857147
Benzo(k)fluoranthene	ND		120	20	03/18/2016 09:10	WG857147
Chrysene	ND		120	20	03/18/2016 09:10	WG857147
Dibenz(a,h)anthracene	ND		120	20	03/18/2016 09:10	WG857147
Fluoranthene	ND		120	20	03/18/2016 09:10	WG857147
Fluorene	ND		120	20	03/18/2016 09:10	WG857147
Indeno(1,2,3-cd)pyrene	ND		120	20	03/18/2016 09:10	WG857147
Naphthalene	ND		400	20	03/18/2016 09:10	WG857147
Phenanthrene	ND		120	20	03/18/2016 09:10	WG857147
Pyrene	ND		120	20	03/18/2016 09:10	WG857147
1-Methylnaphthalene	ND		400	20	03/18/2016 09:10	WG857147
2-Methylnaphthalene	ND		400	20	03/18/2016 09:10	WG857147
2-Chloronaphthalene	ND		400	20	03/18/2016 09:10	WG857147
(S) Nitrobenzene-d5	*256*	J7	*22.1-146*		*03/18/2016 09:10*	WG857147
(S) 2-Fluorobiphenyl	*73.7*	J7	*40.6-122*		*03/18/2016 09:10*	WG857147
(S) p-Terphenyl-d14	*74.5*	J7	*32.2-131*		*03/18/2016 09:10*	WG857147

Sample Narrative:

8270D-SIM L823238-04 WG857147: Dilution due to matrix

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	89.3		1	03/17/2016 10:43	WG856737

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Acetone	ND		538	10.75	03/22/2016 10:42	WG858268
Acrylonitrile	ND		108	10.75	03/22/2016 10:42	WG858268
Benzene	ND		10.8	10.75	03/22/2016 10:42	WG858268
Bromobenzene	ND		10.8	10.75	03/22/2016 10:42	WG858268
Bromodichloromethane	ND		10.8	10.75	03/22/2016 10:42	WG858268
Bromoform	ND		10.8	10.75	03/22/2016 10:42	WG858268
Bromomethane	ND		53.8	10.75	03/22/2016 10:42	WG858268
n-Butylbenzene	14.8		10.8	10.75	03/22/2016 10:42	WG858268
sec-Butylbenzene	16.8		10.8	10.75	03/22/2016 10:42	WG858268
tert-Butylbenzene	12.5		10.8	10.75	03/22/2016 10:42	WG858268
Carbon tetrachloride	ND		10.8	10.75	03/22/2016 10:42	WG858268
Chlorobenzene	ND		10.8	10.75	03/22/2016 10:42	WG858268
Chlorodibromomethane	ND		10.8	10.75	03/22/2016 10:42	WG858268
Chloroethane	ND		53.8	10.75	03/22/2016 10:42	WG858268
2-Chloroethyl vinyl ether	ND		538	10.75	03/22/2016 10:42	WG858268
Chloroform	ND		53.8	10.75	03/22/2016 10:42	WG858268
Chloromethane	ND		26.9	10.75	03/22/2016 10:42	WG858268
2-Chlorotoluene	ND		10.8	10.75	03/22/2016 10:42	WG858268
4-Chlorotoluene	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,2-Dibromo-3-Chloropropane	ND		53.8	10.75	03/22/2016 10:42	WG858268
1,2-Dibromoethane	ND		10.8	10.75	03/22/2016 10:42	WG858268
Dibromomethane	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,2-Dichlorobenzene	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,3-Dichlorobenzene	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,4-Dichlorobenzene	ND		10.8	10.75	03/22/2016 10:42	WG858268
Dichlorodifluoromethane	ND		53.8	10.75	03/22/2016 10:42	WG858268
1,1-Dichloroethane	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,2-Dichloroethane	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,1-Dichloroethene	ND		10.8	10.75	03/22/2016 10:42	WG858268
cis-1,2-Dichloroethene	ND		10.8	10.75	03/22/2016 10:42	WG858268
trans-1,2-Dichloroethene	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,2-Dichloropropane	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,1-Dichloropropene	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,3-Dichloropropane	ND		10.8	10.75	03/22/2016 10:42	WG858268
cis-1,3-Dichloropropene	ND		10.8	10.75	03/22/2016 10:42	WG858268
trans-1,3-Dichloropropene	ND		10.8	10.75	03/22/2016 10:42	WG858268
2,2-Dichloropropane	ND		10.8	10.75	03/22/2016 10:42	WG858268
Di-isopropyl ether	ND		10.8	10.75	03/22/2016 10:42	WG858268
Ethylbenzene	ND		10.8	10.75	03/22/2016 10:42	WG858268
Hexachloro-1,3-butadiene	ND		10.8	10.75	03/22/2016 10:42	WG858268
Isopropylbenzene	ND		10.8	10.75	03/22/2016 10:42	WG858268
p-Isopropyltoluene	ND		10.8	10.75	03/22/2016 10:42	WG858268
2-Butanone (MEK)	ND		108	10.75	03/22/2016 10:42	WG858268
Methylene Chloride	ND		53.8	10.75	03/22/2016 10:42	WG858268
4-Methyl-2-pentanone (MIBK)	ND		108	10.75	03/22/2016 10:42	WG858268
Methyl tert-butyl ether	ND		10.8	10.75	03/22/2016 10:42	WG858268
Naphthalene	ND		53.8	10.75	03/22/2016 10:42	WG858268
n-Propylbenzene	21.7		10.8	10.75	03/22/2016 10:42	WG858268
Styrene	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,1,1,2-Tetrachloroethane	ND		10.8	10.75	03/22/2016 10:42	WG858268

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
1,1,2,2-Tetrachloroethane	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,1,2-Trichlorotrifluoroethane	ND		10.8	10.75	03/22/2016 10:42	WG858268
Tetrachloroethene	ND		10.8	10.75	03/22/2016 10:42	WG858268
Toluene	ND		53.8	10.75	03/22/2016 10:42	WG858268
1,2,3-Trichlorobenzene	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,2,4-Trichlorobenzene	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,1,1-Trichloroethane	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,1,2-Trichloroethane	ND		10.8	10.75	03/22/2016 10:42	WG858268
Trichloroethene	ND		10.8	10.75	03/22/2016 10:42	WG858268
Trichlorofluoromethane	ND		53.8	10.75	03/22/2016 10:42	WG858268
1,2,3-Trichloropropane	ND		26.9	10.75	03/22/2016 10:42	WG858268
1,2,4-Trimethylbenzene	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,2,3-Trimethylbenzene	ND		10.8	10.75	03/22/2016 10:42	WG858268
Vinyl chloride	ND		10.8	10.75	03/22/2016 10:42	WG858268
1,3,5-Trimethylbenzene	ND		10.8	10.75	03/22/2016 10:42	WG858268
Xylenes, Total	ND		32.2	10.75	03/22/2016 10:42	WG858268
(S) Toluene-d8	*104*		*88.7-115*		*03/22/2016 10:42*	WG858268
(S) Dibromofluoromethane	*95.3*		*76.3-123*		*03/22/2016 10:42*	WG858268
(S) 4-Bromofluorobenzene	*112*		*69.7-129*		*03/22/2016 10:42*	WG858268

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
Anthracene	299		120	20	03/18/2016 09:32	WG857147
Acenaphthene	295		120	20	03/18/2016 09:32	WG857147
Acenaphthylene	ND		120	20	03/18/2016 09:32	WG857147
Benzo(a)anthracene	636		120	20	03/18/2016 09:32	WG857147
Benzo(a)pyrene	521		120	20	03/18/2016 09:32	WG857147
Benzo(b)fluoranthene	637		120	20	03/18/2016 09:32	WG857147
Benzo(g,h,i)perylene	279		120	20	03/18/2016 09:32	WG857147
Benzo(k)fluoranthene	241		120	20	03/18/2016 09:32	WG857147
Chrysene	741		120	20	03/18/2016 09:32	WG857147
Dibenz(a,h)anthracene	ND		120	20	03/18/2016 09:32	WG857147
Fluoranthene	1220		120	20	03/18/2016 09:32	WG857147
Fluorene	393		120	20	03/18/2016 09:32	WG857147
Indeno(1,2,3-cd)pyrene	258		120	20	03/18/2016 09:32	WG857147
Naphthalene	1050		400	20	03/18/2016 09:32	WG857147
Phenanthrene	1390		120	20	03/18/2016 09:32	WG857147
Pyrene	1280		120	20	03/18/2016 09:32	WG857147
1-Methylnaphthalene	1940		400	20	03/18/2016 09:32	WG857147
2-Methylnaphthalene	3130		400	20	03/18/2016 09:32	WG857147
2-Chloronaphthalene	ND		400	20	03/18/2016 09:32	WG857147
(S) Nitrobenzene-d5	*437*	J7	*22.1-146*		*03/18/2016 09:32*	WG857147
(S) 2-Fluorobiphenyl	*67.9*	J7	*40.6-122*		*03/18/2016 09:32*	WG857147
(S) p-Terphenyl-d14	*65.3*	J7	*32.2-131*		*03/18/2016 09:32*	WG857147

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	88.0		1	03/17/2016 10:43	WG856737

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Acetone	ND		50.0	1	03/18/2016 19:44	WG857090
Acrylonitrile	ND		10.0	1	03/18/2016 19:44	WG857090
Benzene	5.96		1.00	1	03/18/2016 19:44	WG857090
Bromobenzene	ND		1.00	1	03/18/2016 19:44	WG857090
Bromodichloromethane	ND		1.00	1	03/18/2016 19:44	WG857090
Bromoform	ND		1.00	1	03/18/2016 19:44	WG857090
Bromomethane	ND		5.00	1	03/18/2016 19:44	WG857090
n-Butylbenzene	ND		1.00	1	03/18/2016 19:44	WG857090
sec-Butylbenzene	ND		1.00	1	03/18/2016 19:44	WG857090
tert-Butylbenzene	1.01		1.00	1	03/18/2016 19:44	WG857090
Carbon tetrachloride	ND		1.00	1	03/18/2016 19:44	WG857090
Chlorobenzene	ND		1.00	1	03/18/2016 19:44	WG857090
Chlorodibromomethane	ND		1.00	1	03/18/2016 19:44	WG857090
Chloroethane	ND		5.00	1	03/18/2016 19:44	WG857090
2-Chloroethyl vinyl ether	ND		50.0	1	03/18/2016 19:44	WG857090
Chloroform	ND		5.00	1	03/18/2016 19:44	WG857090
Chloromethane	ND		2.50	1	03/18/2016 19:44	WG857090
2-Chlorotoluene	ND		1.00	1	03/18/2016 19:44	WG857090
4-Chlorotoluene	ND		1.00	1	03/18/2016 19:44	WG857090
1,2-Dibromo-3-Chloropropane	ND		5.00	1	03/18/2016 19:44	WG857090
1,2-Dibromoethane	ND		1.00	1	03/18/2016 19:44	WG857090
Dibromomethane	ND		1.00	1	03/18/2016 19:44	WG857090
1,2-Dichlorobenzene	ND		1.00	1	03/18/2016 19:44	WG857090
1,3-Dichlorobenzene	ND		1.00	1	03/18/2016 19:44	WG857090
1,4-Dichlorobenzene	ND		1.00	1	03/18/2016 19:44	WG857090
Dichlorodifluoromethane	ND		5.00	1	03/18/2016 19:44	WG857090
1,1-Dichloroethane	ND		1.00	1	03/18/2016 19:44	WG857090
1,2-Dichloroethane	ND		1.00	1	03/18/2016 19:44	WG857090
1,1-Dichloroethene	ND		1.00	1	03/18/2016 19:44	WG857090
cis-1,2-Dichloroethene	ND		1.00	1	03/18/2016 19:44	WG857090
trans-1,2-Dichloroethene	ND		1.00	1	03/18/2016 19:44	WG857090
1,2-Dichloropropane	ND		1.00	1	03/18/2016 19:44	WG857090
1,1-Dichloropropene	ND		1.00	1	03/18/2016 19:44	WG857090
1,3-Dichloropropane	ND		1.00	1	03/18/2016 19:44	WG857090
cis-1,3-Dichloropropene	ND		1.00	1	03/18/2016 19:44	WG857090
trans-1,3-Dichloropropene	ND		1.00	1	03/18/2016 19:44	WG857090
2,2-Dichloropropane	ND		1.00	1	03/18/2016 19:44	WG857090
Di-isopropyl ether	ND		1.00	1	03/18/2016 19:44	WG857090
Ethylbenzene	2.07		1.00	1	03/18/2016 19:44	WG857090
Hexachloro-1,3-butadiene	ND		1.00	1	03/18/2016 19:44	WG857090
Isopropylbenzene	ND		1.00	1	03/18/2016 19:44	WG857090
p-Isopropyltoluene	ND		1.00	1	03/18/2016 19:44	WG857090
2-Butanone (MEK)	ND		10.0	1	03/18/2016 19:44	WG857090
Methylene Chloride	ND		5.00	1	03/18/2016 19:44	WG857090
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/18/2016 19:44	WG857090
Methyl tert-butyl ether	ND		1.00	1	03/18/2016 19:44	WG857090
Naphthalene	ND		5.00	1	03/18/2016 19:44	WG857090
n-Propylbenzene	ND		1.00	1	03/18/2016 19:44	WG857090
Styrene	ND		1.00	1	03/18/2016 19:44	WG857090
1,1,1,2-Tetrachloroethane	ND		1.00	1	03/18/2016 19:44	WG857090

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
1,1,2,2-Tetrachloroethane	ND		1.00	1	03/18/2016 19:44	WG857090
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/18/2016 19:44	WG857090
Tetrachloroethene	ND		1.00	1	03/18/2016 19:44	WG857090
Toluene	15.4		5.00	1	03/18/2016 19:44	WG857090
1,2,3-Trichlorobenzene	ND		1.00	1	03/18/2016 19:44	WG857090
1,2,4-Trichlorobenzene	ND		1.00	1	03/18/2016 19:44	WG857090
1,1,1-Trichloroethane	ND		1.00	1	03/18/2016 19:44	WG857090
1,1,2-Trichloroethane	ND		1.00	1	03/18/2016 19:44	WG857090
Trichloroethene	ND		1.00	1	03/18/2016 19:44	WG857090
Trichlorofluoromethane	ND		5.00	1	03/18/2016 19:44	WG857090
1,2,3-Trichloropropane	ND		2.50	1	03/18/2016 19:44	WG857090
1,2,4-Trimethylbenzene	7.13		1.00	1	03/18/2016 19:44	WG857090
1,2,3-Trimethylbenzene	1.44		1.00	1	03/18/2016 19:44	WG857090
Vinyl chloride	ND		1.00	1	03/18/2016 19:44	WG857090
1,3,5-Trimethylbenzene	3.33		1.00	1	03/18/2016 19:44	WG857090
Xylenes, Total	23.2		3.00	1	03/18/2016 19:44	WG857090
(S) Toluene-d8	*96.8*		*88.7-115*		*03/18/2016 19:44*	WG857090
(S) Dibromofluoromethane	*108*		*76.3-123*		*03/18/2016 19:44*	WG857090
(S) 4-Bromofluorobenzene	*187*	J1	*69.7-129*		*03/18/2016 19:44*	WG857090

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		120	20	03/18/2016 09:53	WG857147
Acenaphthene	ND		120	20	03/18/2016 09:53	WG857147
Acenaphthylene	ND		120	20	03/18/2016 09:53	WG857147
Benzo(a)anthracene	ND		120	20	03/18/2016 09:53	WG857147
Benzo(a)pyrene	ND		120	20	03/18/2016 09:53	WG857147
Benzo(b)fluoranthene	ND		120	20	03/18/2016 09:53	WG857147
Benzo(g,h,i)perylene	ND		120	20	03/18/2016 09:53	WG857147
Benzo(k)fluoranthene	ND		120	20	03/18/2016 09:53	WG857147
Chrysene	ND		120	20	03/18/2016 09:53	WG857147
Dibenz(a,h)anthracene	ND		120	20	03/18/2016 09:53	WG857147
Fluoranthene	ND		120	20	03/18/2016 09:53	WG857147
Fluorene	ND		120	20	03/18/2016 09:53	WG857147
Indeno(1,2,3-cd)pyrene	ND		120	20	03/18/2016 09:53	WG857147
Naphthalene	ND		400	20	03/18/2016 09:53	WG857147
Phenanthrene	ND		120	20	03/18/2016 09:53	WG857147
Pyrene	ND		120	20	03/18/2016 09:53	WG857147
1-Methylnaphthalene	ND		400	20	03/18/2016 09:53	WG857147
2-Methylnaphthalene	ND		400	20	03/18/2016 09:53	WG857147
2-Chloronaphthalene	ND		400	20	03/18/2016 09:53	WG857147
(S) Nitrobenzene-d5	*67.7*	J7	*22.1-146*		*03/18/2016 09:53*	WG857147
(S) 2-Fluorobiphenyl	*60.6*	J7	*40.6-122*		*03/18/2016 09:53*	WG857147
(S) p-Terphenyl-d14	*59.6*	J7	*32.2-131*		*03/18/2016 09:53*	WG857147

Sample Narrative:

8270D-SIM L823238-06 WG857147: Dilution due to matrix

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	75.4		1	03/17/2016 10:06	WG856739

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Acetone	ND		1250	25	03/18/2016 20:02	WG857090
Acrylonitrile	ND		250	25	03/18/2016 20:02	WG857090
Benzene	ND		25.0	25	03/18/2016 20:02	WG857090
Bromobenzene	ND		25.0	25	03/18/2016 20:02	WG857090
Bromodichloromethane	ND		25.0	25	03/18/2016 20:02	WG857090
Bromoform	ND		25.0	25	03/18/2016 20:02	WG857090
Bromomethane	ND		125	25	03/18/2016 20:02	WG857090
n-Butylbenzene	ND		25.0	25	03/18/2016 20:02	WG857090
sec-Butylbenzene	ND		25.0	25	03/18/2016 20:02	WG857090
tert-Butylbenzene	ND		25.0	25	03/18/2016 20:02	WG857090
Carbon tetrachloride	ND		25.0	25	03/18/2016 20:02	WG857090
Chlorobenzene	ND		25.0	25	03/18/2016 20:02	WG857090
Chlorodibromomethane	ND		25.0	25	03/18/2016 20:02	WG857090
Chloroethane	ND		125	25	03/18/2016 20:02	WG857090
2-Chloroethyl vinyl ether	ND		1250	25	03/18/2016 20:02	WG857090
Chloroform	ND		125	25	03/18/2016 20:02	WG857090
Chloromethane	ND		62.5	25	03/18/2016 20:02	WG857090
2-Chlorotoluene	ND		25.0	25	03/18/2016 20:02	WG857090
4-Chlorotoluene	ND		25.0	25	03/18/2016 20:02	WG857090
1,2-Dibromo-3-Chloropropane	ND		125	25	03/18/2016 20:02	WG857090
1,2-Dibromoethane	ND		25.0	25	03/18/2016 20:02	WG857090
Dibromomethane	ND		25.0	25	03/18/2016 20:02	WG857090
1,2-Dichlorobenzene	ND		25.0	25	03/18/2016 20:02	WG857090
1,3-Dichlorobenzene	ND		25.0	25	03/18/2016 20:02	WG857090
1,4-Dichlorobenzene	ND		25.0	25	03/18/2016 20:02	WG857090
Dichlorodifluoromethane	ND		125	25	03/18/2016 20:02	WG857090
1,1-Dichloroethane	ND		25.0	25	03/18/2016 20:02	WG857090
1,2-Dichloroethane	ND		25.0	25	03/18/2016 20:02	WG857090
1,1-Dichloroethene	ND		25.0	25	03/18/2016 20:02	WG857090
cis-1,2-Dichloroethene	ND		25.0	25	03/18/2016 20:02	WG857090
trans-1,2-Dichloroethene	ND		25.0	25	03/18/2016 20:02	WG857090
1,2-Dichloropropane	ND		25.0	25	03/18/2016 20:02	WG857090
1,1-Dichloropropene	ND		25.0	25	03/18/2016 20:02	WG857090
1,3-Dichloropropane	ND		25.0	25	03/18/2016 20:02	WG857090
cis-1,3-Dichloropropene	ND		25.0	25	03/18/2016 20:02	WG857090
trans-1,3-Dichloropropene	ND		25.0	25	03/18/2016 20:02	WG857090
2,2-Dichloropropane	ND		25.0	25	03/18/2016 20:02	WG857090
Di-isopropyl ether	ND		25.0	25	03/18/2016 20:02	WG857090
Ethylbenzene	ND		25.0	25	03/18/2016 20:02	WG857090
Hexachloro-1,3-butadiene	ND		25.0	25	03/18/2016 20:02	WG857090
Isopropylbenzene	ND		25.0	25	03/18/2016 20:02	WG857090
p-Isopropyltoluene	ND		25.0	25	03/18/2016 20:02	WG857090
2-Butanone (MEK)	ND		250	25	03/18/2016 20:02	WG857090
Methylene Chloride	ND		125	25	03/18/2016 20:02	WG857090
4-Methyl-2-pentanone (MIBK)	ND		250	25	03/18/2016 20:02	WG857090
Methyl tert-butyl ether	ND		25.0	25	03/18/2016 20:02	WG857090
Naphthalene	ND		125	25	03/18/2016 20:02	WG857090
n-Propylbenzene	ND		25.0	25	03/18/2016 20:02	WG857090
Styrene	ND		25.0	25	03/18/2016 20:02	WG857090
1,1,1,2-Tetrachloroethane	ND		25.0	25	03/18/2016 20:02	WG857090

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
1,1,2,2-Tetrachloroethane	ND		25.0	25	03/18/2016 20:02	WG857090
1,1,2-Trichlorotrifluoroethane	ND		25.0	25	03/18/2016 20:02	WG857090
Tetrachloroethene	ND		25.0	25	03/18/2016 20:02	WG857090
Toluene	ND		125	25	03/18/2016 20:02	WG857090
1,2,3-Trichlorobenzene	ND		25.0	25	03/18/2016 20:02	WG857090
1,2,4-Trichlorobenzene	ND		25.0	25	03/18/2016 20:02	WG857090
1,1,1-Trichloroethane	ND		25.0	25	03/18/2016 20:02	WG857090
1,1,2-Trichloroethane	ND		25.0	25	03/18/2016 20:02	WG857090
Trichloroethene	ND		25.0	25	03/18/2016 20:02	WG857090
Trichlorofluoromethane	ND		125	25	03/18/2016 20:02	WG857090
1,2,3-Trichloropropane	ND		62.5	25	03/18/2016 20:02	WG857090
1,2,4-Trimethylbenzene	25.4		25.0	25	03/18/2016 20:02	WG857090
1,2,3-Trimethylbenzene	ND		25.0	25	03/18/2016 20:02	WG857090
Vinyl chloride	ND		25.0	25	03/18/2016 20:02	WG857090
1,3,5-Trimethylbenzene	ND		25.0	25	03/18/2016 20:02	WG857090
Xylenes, Total	ND		75.0	25	03/18/2016 20:02	WG857090
(S) Toluene-d8	*94.5*		*88.7-115*		*03/18/2016 20:02*	WG857090
(S) Dibromofluoromethane	*95.3*		*76.3-123*		*03/18/2016 20:02*	WG857090
(S) 4-Bromofluorobenzene	*98.7*		*69.7-129*		*03/18/2016 20:02*	WG857090

Sample Narrative:

8260C L823238-07 WG857090: Non-target compounds too high to run at a lower dilution.

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
Anthracene	753		120	20	03/18/2016 10:14	WG857147
Acenaphthene	461		120	20	03/18/2016 10:14	WG857147
Acenaphthylene	ND		120	20	03/18/2016 10:14	WG857147
Benzo(a)anthracene	348		120	20	03/18/2016 10:14	WG857147
Benzo(a)pyrene	313		120	20	03/18/2016 10:14	WG857147
Benzo(b)fluoranthene	340		120	20	03/18/2016 10:14	WG857147
Benzo(g,h,i)perylene	209		120	20	03/18/2016 10:14	WG857147
Benzo(k)fluoranthene	133		120	20	03/18/2016 10:14	WG857147
Chrysene	364		120	20	03/18/2016 10:14	WG857147
Dibenz(a,h)anthracene	ND		120	20	03/18/2016 10:14	WG857147
Fluoranthene	1310		120	20	03/18/2016 10:14	WG857147
Fluorene	566		120	20	03/18/2016 10:14	WG857147
Indeno(1,2,3-cd)pyrene	174		120	20	03/18/2016 10:14	WG857147
Naphthalene	ND		400	20	03/18/2016 10:14	WG857147
Phenanthrene	1520		120	20	03/18/2016 10:14	WG857147
Pyrene	1200		120	20	03/18/2016 10:14	WG857147
1-Methylnaphthalene	ND		400	20	03/18/2016 10:14	WG857147
2-Methylnaphthalene	ND		400	20	03/18/2016 10:14	WG857147
2-Chloronaphthalene	ND		400	20	03/18/2016 10:14	WG857147
(S) Nitrobenzene-d5	*136*	J7	*22.1-146*		*03/18/2016 10:14*	WG857147
(S) 2-Fluorobiphenyl	*49.8*	J7	*40.6-122*		*03/18/2016 10:14*	WG857147
(S) p-Terphenyl-d14	*48.2*	J7	*32.2-131*		*03/18/2016 10:14*	WG857147

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.5		1	03/17/2016 10:07	WG856739

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	ug/kg		ug/kg		date / time	
Acetone	ND		250	5	03/18/2016 20:20	WG857090
Acrylonitrile	ND		50.0	5	03/18/2016 20:20	WG857090
Benzene	ND		5.00	5	03/18/2016 20:20	WG857090
Bromobenzene	ND		5.00	5	03/18/2016 20:20	WG857090
Bromodichloromethane	ND		5.00	5	03/18/2016 20:20	WG857090
Bromoform	ND		5.00	5	03/18/2016 20:20	WG857090
Bromomethane	ND		25.0	5	03/18/2016 20:20	WG857090
n-Butylbenzene	ND		5.00	5	03/18/2016 20:20	WG857090
sec-Butylbenzene	5.90		5.00	5	03/18/2016 20:20	WG857090
tert-Butylbenzene	6.04		5.00	5	03/18/2016 20:20	WG857090
Carbon tetrachloride	ND		5.00	5	03/18/2016 20:20	WG857090
Chlorobenzene	ND		5.00	5	03/18/2016 20:20	WG857090
Chlorodibromomethane	ND		5.00	5	03/18/2016 20:20	WG857090
Chloroethane	ND		25.0	5	03/18/2016 20:20	WG857090
2-Chloroethyl vinyl ether	ND		250	5	03/18/2016 20:20	WG857090
Chloroform	ND		25.0	5	03/18/2016 20:20	WG857090
Chloromethane	ND		12.5	5	03/18/2016 20:20	WG857090
2-Chlorotoluene	ND		5.00	5	03/18/2016 20:20	WG857090
4-Chlorotoluene	ND		5.00	5	03/18/2016 20:20	WG857090
1,2-Dibromo-3-Chloropropane	ND		25.0	5	03/18/2016 20:20	WG857090
1,2-Dibromoethane	ND		5.00	5	03/18/2016 20:20	WG857090
Dibromomethane	ND		5.00	5	03/18/2016 20:20	WG857090
1,2-Dichlorobenzene	ND		5.00	5	03/18/2016 20:20	WG857090
1,3-Dichlorobenzene	ND		5.00	5	03/18/2016 20:20	WG857090
1,4-Dichlorobenzene	ND		5.00	5	03/18/2016 20:20	WG857090
Dichlorodifluoromethane	ND		25.0	5	03/18/2016 20:20	WG857090
1,1-Dichloroethane	ND		5.00	5	03/18/2016 20:20	WG857090
1,2-Dichloroethane	ND		5.00	5	03/18/2016 20:20	WG857090
1,1-Dichloroethene	ND		5.00	5	03/18/2016 20:20	WG857090
cis-1,2-Dichloroethene	ND		5.00	5	03/18/2016 20:20	WG857090
trans-1,2-Dichloroethene	ND		5.00	5	03/18/2016 20:20	WG857090
1,2-Dichloropropane	ND		5.00	5	03/18/2016 20:20	WG857090
1,1-Dichloropropene	ND		5.00	5	03/18/2016 20:20	WG857090
1,3-Dichloropropane	ND		5.00	5	03/18/2016 20:20	WG857090
cis-1,3-Dichloropropene	ND		5.00	5	03/18/2016 20:20	WG857090
trans-1,3-Dichloropropene	ND		5.00	5	03/18/2016 20:20	WG857090
2,2-Dichloropropane	ND		5.00	5	03/18/2016 20:20	WG857090
Di-isopropyl ether	ND		5.00	5	03/18/2016 20:20	WG857090
Ethylbenzene	ND		5.00	5	03/18/2016 20:20	WG857090
Hexachloro-1,3-butadiene	ND		5.00	5	03/18/2016 20:20	WG857090
Isopropylbenzene	ND		5.00	5	03/18/2016 20:20	WG857090
p-Isopropyltoluene	ND		5.00	5	03/18/2016 20:20	WG857090
2-Butanone (MEK)	ND		50.0	5	03/18/2016 20:20	WG857090
Methylene Chloride	ND		25.0	5	03/18/2016 20:20	WG857090
4-Methyl-2-pentanone (MIBK)	ND		50.0	5	03/18/2016 20:20	WG857090
Methyl tert-butyl ether	ND		5.00	5	03/18/2016 20:20	WG857090
Naphthalene	ND		25.0	5	03/18/2016 20:20	WG857090
n-Propylbenzene	ND		5.00	5	03/18/2016 20:20	WG857090
Styrene	ND		5.00	5	03/18/2016 20:20	WG857090
1,1,1,2-Tetrachloroethane	ND		5.00	5	03/18/2016 20:20	WG857090

Volatile Organic Compounds (GC/MS) by Method 8260C

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
1,1,2,2-Tetrachloroethane	ND		5.00	5	03/18/2016 20:20	WG857090
1,1,2-Trichlorotrifluoroethane	ND		5.00	5	03/18/2016 20:20	WG857090
Tetrachloroethene	ND		5.00	5	03/18/2016 20:20	WG857090
Toluene	ND		25.0	5	03/18/2016 20:20	WG857090
1,2,3-Trichlorobenzene	ND		5.00	5	03/18/2016 20:20	WG857090
1,2,4-Trichlorobenzene	ND		5.00	5	03/18/2016 20:20	WG857090
1,1,1-Trichloroethane	ND		5.00	5	03/18/2016 20:20	WG857090
1,1,2-Trichloroethane	ND		5.00	5	03/18/2016 20:20	WG857090
Trichloroethene	ND		5.00	5	03/18/2016 20:20	WG857090
Trichlorofluoromethane	ND		25.0	5	03/18/2016 20:20	WG857090
1,2,3-Trichloropropane	ND		12.5	5	03/18/2016 20:20	WG857090
1,2,4-Trimethylbenzene	ND		5.00	5	03/18/2016 20:20	WG857090
1,2,3-Trimethylbenzene	ND		5.00	5	03/18/2016 20:20	WG857090
Vinyl chloride	ND		5.00	5	03/18/2016 20:20	WG857090
1,3,5-Trimethylbenzene	ND		5.00	5	03/18/2016 20:20	WG857090
Xylenes, Total	ND		15.0	5	03/18/2016 20:20	WG857090
(S) Toluene-d8	*101*		*88.7-115*		*03/18/2016 20:20*	WG857090
(S) Dibromofluoromethane	*103*		*76.3-123*		*03/18/2016 20:20*	WG857090
(S) 4-Bromofluorobenzene	*103*		*69.7-129*		*03/18/2016 20:20*	WG857090

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result ug/kg	Qualifier	RDL ug/kg	Dilution	Analysis date / time	Batch
Anthracene	ND		120	20	03/18/2016 10:35	WG857147
Acenaphthene	ND		120	20	03/18/2016 10:35	WG857147
Acenaphthylene	ND		120	20	03/18/2016 10:35	WG857147
Benzo(a)anthracene	ND		120	20	03/18/2016 10:35	WG857147
Benzo(a)pyrene	ND		120	20	03/18/2016 10:35	WG857147
Benzo(b)fluoranthene	ND		120	20	03/18/2016 10:35	WG857147
Benzo(g,h,i)perylene	ND		120	20	03/18/2016 10:35	WG857147
Benzo(k)fluoranthene	ND		120	20	03/18/2016 10:35	WG857147
Chrysene	ND		120	20	03/18/2016 10:35	WG857147
Dibenz(a,h)anthracene	ND		120	20	03/18/2016 10:35	WG857147
Fluoranthene	ND		120	20	03/18/2016 10:35	WG857147
Fluorene	ND		120	20	03/18/2016 10:35	WG857147
Indeno(1,2,3-cd)pyrene	ND		120	20	03/18/2016 10:35	WG857147
Naphthalene	ND		400	20	03/18/2016 10:35	WG857147
Phenanthrene	ND		120	20	03/18/2016 10:35	WG857147
Pyrene	ND		120	20	03/18/2016 10:35	WG857147
1-Methylnaphthalene	ND		400	20	03/18/2016 10:35	WG857147
2-Methylnaphthalene	ND		400	20	03/18/2016 10:35	WG857147
2-Chloronaphthalene	ND		400	20	03/18/2016 10:35	WG857147
(S) Nitrobenzene-d5	*69.6*	J7	*22.1-146*		*03/18/2016 10:35*	WG857147
(S) 2-Fluorobiphenyl	*43.1*	J7	*40.6-122*		*03/18/2016 10:35*	WG857147
(S) p-Terphenyl-d14	*42.2*	J7	*32.2-131*		*03/18/2016 10:35*	WG857147

Sample Narrative:

8270D-SIM L823238-08 WG857147: Dilution due to matrix

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	03/19/2016 09:25	WG857606
Benzene	ND		1.00	1	03/19/2016 09:25	WG857606
Bromochloromethane	ND		1.00	1	03/19/2016 09:25	WG857606
Bromodichloromethane	ND		1.00	1	03/19/2016 09:25	WG857606
Bromoform	ND		1.00	1	03/19/2016 09:25	WG857606
Bromomethane	ND		5.00	1	03/19/2016 09:25	WG857606
Carbon disulfide	ND		1.00	1	03/19/2016 09:25	WG857606
Carbon tetrachloride	ND		1.00	1	03/19/2016 09:25	WG857606
Chlorobenzene	ND		1.00	1	03/19/2016 09:25	WG857606
Chlorodibromomethane	ND		1.00	1	03/19/2016 09:25	WG857606
Chloroethane	ND		5.00	1	03/19/2016 09:25	WG857606
Chloroform	ND		5.00	1	03/19/2016 09:25	WG857606
Chloromethane	ND		2.50	1	03/19/2016 09:25	WG857606
Cyclohexane	ND		1.00	1	03/19/2016 09:25	WG857606
1,2-Dibromo-3-Chloropropane	ND		5.00	1	03/19/2016 09:25	WG857606
1,2-Dibromoethane	ND		1.00	1	03/19/2016 09:25	WG857606
1,2-Dichlorobenzene	ND		1.00	1	03/19/2016 09:25	WG857606
1,3-Dichlorobenzene	ND		1.00	1	03/19/2016 09:25	WG857606
1,4-Dichlorobenzene	ND		1.00	1	03/19/2016 09:25	WG857606
Dichlorodifluoromethane	ND		5.00	1	03/19/2016 09:25	WG857606
1,1-Dichloroethane	ND		1.00	1	03/19/2016 09:25	WG857606
1,2-Dichloroethane	ND		1.00	1	03/19/2016 09:25	WG857606
1,1-Dichloroethene	ND		1.00	1	03/19/2016 09:25	WG857606
cis-1,2-Dichloroethene	ND		1.00	1	03/19/2016 09:25	WG857606
trans-1,2-Dichloroethene	ND		1.00	1	03/19/2016 09:25	WG857606
1,2-Dichloropropane	ND		1.00	1	03/19/2016 09:25	WG857606
cis-1,3-Dichloropropene	ND		1.00	1	03/19/2016 09:25	WG857606
trans-1,3-Dichloropropene	ND		1.00	1	03/19/2016 09:25	WG857606
Ethylbenzene	ND		1.00	1	03/19/2016 09:25	WG857606
2-Hexanone	ND		10.0	1	03/19/2016 09:25	WG857606
Isopropylbenzene	ND		1.00	1	03/19/2016 09:25	WG857606
2-Butanone (MEK)	ND		10.0	1	03/19/2016 09:25	WG857606
Methyl Acetate	ND		20.0	1	03/19/2016 09:25	WG857606
Methyl Cyclohexane	12.7		1.00	1	03/19/2016 09:25	WG857606
Methylene Chloride	ND		5.00	1	03/19/2016 09:25	WG857606
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/19/2016 09:25	WG857606
Methyl tert-butyl ether	3.94		1.00	1	03/19/2016 09:25	WG857606
Styrene	ND		1.00	1	03/19/2016 09:25	WG857606
1,1,2,2-Tetrachloroethane	ND		1.00	1	03/19/2016 09:25	WG857606
Tetrachloroethene	ND		1.00	1	03/19/2016 09:25	WG857606
Toluene	ND		5.00	1	03/19/2016 09:25	WG857606
1,2,3-Trichlorobenzene	ND		1.00	1	03/19/2016 09:25	WG857606
1,2,4-Trichlorobenzene	ND		1.00	1	03/19/2016 09:25	WG857606
1,1,1-Trichloroethane	ND		1.00	1	03/19/2016 09:25	WG857606
1,1,2-Trichloroethane	ND		1.00	1	03/19/2016 09:25	WG857606
Trichloroethene	ND		1.00	1	03/19/2016 09:25	WG857606
Trichlorofluoromethane	ND		5.00	1	03/19/2016 09:25	WG857606
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/19/2016 09:25	WG857606
Vinyl chloride	ND		1.00	1	03/19/2016 09:25	WG857606
Xylenes, Total	ND		3.00	1	03/19/2016 09:25	WG857606
(S) Toluene-d8	*105*		*90.0-115*		*03/19/2016 09:25*	WG857606
(S) Dibromofluoromethane	*100*		*79.0-121*		*03/19/2016 09:25*	WG857606
(S) a,a,a-Trifluorotoluene	*103*		*90.4-116*		*03/19/2016 09:25*	WG857606
(S) 4-Bromofluorobenzene	*103*		*80.1-120*		*03/19/2016 09:25*	WG857606

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	ND		1.00	20	03/18/2016 18:36	WG856973
Acenaphthene	ND		1.00	20	03/18/2016 18:36	WG856973
Acenaphthylene	1.38		1.00	20	03/18/2016 18:36	WG856973
Benzo(a)anthracene	3.26		1.00	20	03/18/2016 18:36	WG856973
Benzo(a)pyrene	ND		1.00	20	03/18/2016 18:36	WG856973
Benzo(b)fluoranthene	ND		1.00	20	03/18/2016 18:36	WG856973
Benzo(g,h,i)perylene	ND		1.00	20	03/18/2016 18:36	WG856973
Benzo(k)fluoranthene	ND		1.00	20	03/18/2016 18:36	WG856973
Chrysene	4.95		1.00	20	03/18/2016 18:36	WG856973
Dibenz(a,h)anthracene	ND		1.00	20	03/18/2016 18:36	WG856973
Fluoranthene	2.07		1.00	20	03/18/2016 18:36	WG856973
Fluorene	5.33		1.00	20	03/18/2016 18:36	WG856973
Indeno(1,2,3-cd)pyrene	ND		1.00	20	03/18/2016 18:36	WG856973
Naphthalene	ND		5.00	20	03/18/2016 18:36	WG856973
Phenanthrene	28.5		1.00	20	03/18/2016 18:36	WG856973
Pyrene	13.4		1.00	20	03/18/2016 18:36	WG856973
1-Methylnaphthalene	ND		5.00	20	03/18/2016 18:36	WG856973
2-Methylnaphthalene	ND		5.00	20	03/18/2016 18:36	WG856973
2-Chloronaphthalene	ND		5.00	20	03/18/2016 18:36	WG856973
(S) Nitrobenzene-d5	*2440*	J7	*45.1-170*		*03/18/2016 18:36*	WG856973
(S) 2-Fluorobiphenyl	*105*	J7	*57.7-153*		*03/18/2016 18:36*	WG856973
(S) p-Terphenyl-d14	*101*	J7	*53.2-156*		*03/18/2016 18:36*	WG856973

Sample Narrative:

8270D-SIM L823238-09 WG856973: Dilution due to matrix

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	03/18/2016 11:09	WG856381
Benzene	ND		1.00	1	03/18/2016 11:09	WG856381
Bromochloromethane	ND		1.00	1	03/18/2016 11:09	WG856381
Bromodichloromethane	ND		1.00	1	03/18/2016 11:09	WG856381
Bromoform	ND		1.00	1	03/18/2016 11:09	WG856381
Bromomethane	ND		5.00	1	03/18/2016 11:09	WG856381
Carbon disulfide	ND		1.00	1	03/18/2016 11:09	WG856381
Carbon tetrachloride	ND		1.00	1	03/18/2016 11:09	WG856381
Chlorobenzene	ND		1.00	1	03/18/2016 11:09	WG856381
Chlorodibromomethane	ND		1.00	1	03/18/2016 11:09	WG856381
Chloroethane	ND		5.00	1	03/18/2016 11:09	WG856381
Chloroform	ND		5.00	1	03/18/2016 11:09	WG856381
Chloromethane	ND		2.50	1	03/18/2016 11:09	WG856381
Cyclohexane	ND		1.00	1	03/18/2016 11:09	WG856381
1,2-Dibromo-3-Chloropropane	ND	J3	5.00	1	03/18/2016 11:09	WG856381
1,2-Dibromoethane	ND		1.00	1	03/18/2016 11:09	WG856381
1,2-Dichlorobenzene	ND		1.00	1	03/18/2016 11:09	WG856381
1,3-Dichlorobenzene	ND		1.00	1	03/18/2016 11:09	WG856381
1,4-Dichlorobenzene	ND		1.00	1	03/18/2016 11:09	WG856381
Dichlorodifluoromethane	ND		5.00	1	03/18/2016 11:09	WG856381
1,1-Dichloroethane	ND		1.00	1	03/18/2016 11:09	WG856381
1,2-Dichloroethane	ND		1.00	1	03/18/2016 11:09	WG856381
1,1-Dichloroethene	ND		1.00	1	03/18/2016 11:09	WG856381
cis-1,2-Dichloroethene	ND		1.00	1	03/18/2016 11:09	WG856381
trans-1,2-Dichloroethene	ND		1.00	1	03/18/2016 11:09	WG856381
1,2-Dichloropropane	ND		1.00	1	03/18/2016 11:09	WG856381
cis-1,3-Dichloropropene	ND		1.00	1	03/18/2016 11:09	WG856381
trans-1,3-Dichloropropene	ND		1.00	1	03/18/2016 11:09	WG856381
Ethylbenzene	ND		1.00	1	03/18/2016 11:09	WG856381
2-Hexanone	ND		10.0	1	03/18/2016 11:09	WG856381
Isopropylbenzene	ND		1.00	1	03/18/2016 11:09	WG856381
2-Butanone (MEK)	ND		10.0	1	03/18/2016 11:09	WG856381
Methyl Acetate	ND		20.0	1	03/18/2016 11:09	WG856381
Methyl Cyclohexane	ND		1.00	1	03/18/2016 11:09	WG856381
Methylene Chloride	ND		5.00	1	03/18/2016 11:09	WG856381
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/18/2016 11:09	WG856381
Methyl tert-butyl ether	1.14		1.00	1	03/18/2016 11:09	WG856381
Styrene	ND		1.00	1	03/18/2016 11:09	WG856381
1,1,2,2-Tetrachloroethane	ND		1.00	1	03/18/2016 11:09	WG856381
Tetrachloroethene	ND		1.00	1	03/18/2016 11:09	WG856381
Toluene	ND		5.00	1	03/18/2016 11:09	WG856381
1,2,3-Trichlorobenzene	ND		1.00	1	03/18/2016 11:09	WG856381
1,2,4-Trichlorobenzene	ND		1.00	1	03/18/2016 11:09	WG856381
1,1,1-Trichloroethane	ND		1.00	1	03/18/2016 11:09	WG856381
1,1,2-Trichloroethane	ND		1.00	1	03/18/2016 11:09	WG856381
Trichloroethene	ND		1.00	1	03/18/2016 11:09	WG856381
Trichlorofluoromethane	ND		5.00	1	03/18/2016 11:09	WG856381
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/18/2016 11:09	WG856381
Vinyl chloride	ND		1.00	1	03/18/2016 11:09	WG856381
Xylenes, Total	ND		3.00	1	03/18/2016 11:09	WG856381
(S) Toluene-d8	*105*		*90.0-115*		*03/18/2016 11:09*	WG856381
(S) Dibromofluoromethane	*99.5*		*79.0-121*		*03/18/2016 11:09*	WG856381
(S) a,a,a-Trifluorotoluene	*106*		*90.4-116*		*03/18/2016 11:09*	WG856381
(S) 4-Bromofluorobenzene	*106*		*80.1-120*		*03/18/2016 11:09*	WG856381

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	ND		1.00	20	03/21/2016 22:35	WG856973
Acenaphthene	1.07		0.0500	1	03/18/2016 01:36	WG856973
Acenaphthylene	0.312		0.0500	1	03/18/2016 01:36	WG856973
Benzo(a)anthracene	0.386		0.0500	1	03/18/2016 01:36	WG856973
Benzo(a)pyrene	0.125		0.0500	1	03/18/2016 01:36	WG856973
Benzo(b)fluoranthene	ND		0.0500	1	03/18/2016 01:36	WG856973
Benzo(g,h,i)perylene	0.100		0.0500	1	03/18/2016 01:36	WG856973
Benzo(k)fluoranthene	ND		0.0500	1	03/18/2016 01:36	WG856973
Chrysene	0.469		0.0500	1	03/18/2016 01:36	WG856973
Dibenz(a,h)anthracene	ND		0.0500	1	03/18/2016 01:36	WG856973
Fluoranthene	ND		1.00	20	03/21/2016 22:35	WG856973
Fluorene	1.96		0.0500	1	03/18/2016 01:36	WG856973
Indeno(1,2,3-cd)pyrene	ND		0.0500	1	03/18/2016 01:36	WG856973
Naphthalene	0.453		0.250	1	03/18/2016 01:36	WG856973
Phenanthrene	1.89		1.00	20	03/21/2016 22:35	WG856973
Pyrene	1.45		0.0500	1	03/18/2016 01:36	WG856973
1-Methylnaphthalene	0.626		0.250	1	03/18/2016 01:36	WG856973
2-Methylnaphthalene	ND		0.250	1	03/18/2016 01:36	WG856973
2-Chloronaphthalene	ND		0.250	1	03/18/2016 01:36	WG856973
(S) Nitrobenzene-d5	*124*		*45.1-170*		*03/18/2016 01:36*	WG856973
(S) 2-Fluorobiphenyl	*96.8*		*57.7-153*		*03/18/2016 01:36*	WG856973
(S) p-Terphenyl-d14	*113*		*53.2-156*		*03/18/2016 01:36*	WG856973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	03/18/2016 11:30	WG856381
Benzene	ND		1.00	1	03/18/2016 11:30	WG856381
Bromochloromethane	ND		1.00	1	03/18/2016 11:30	WG856381
Bromodichloromethane	ND		1.00	1	03/18/2016 11:30	WG856381
Bromoform	ND		1.00	1	03/18/2016 11:30	WG856381
Bromomethane	ND		5.00	1	03/18/2016 11:30	WG856381
Carbon disulfide	ND		1.00	1	03/18/2016 11:30	WG856381
Carbon tetrachloride	ND		1.00	1	03/18/2016 11:30	WG856381
Chlorobenzene	ND		1.00	1	03/18/2016 11:30	WG856381
Chlorodibromomethane	ND		1.00	1	03/18/2016 11:30	WG856381
Chloroethane	ND		5.00	1	03/18/2016 11:30	WG856381
Chloroform	ND		5.00	1	03/18/2016 11:30	WG856381
Chloromethane	ND		2.50	1	03/18/2016 11:30	WG856381
Cyclohexane	ND		1.00	1	03/18/2016 11:30	WG856381
1,2-Dibromo-3-Chloropropane	ND	J3	5.00	1	03/18/2016 11:30	WG856381
1,2-Dibromoethane	ND		1.00	1	03/18/2016 11:30	WG856381
1,2-Dichlorobenzene	ND		1.00	1	03/18/2016 11:30	WG856381
1,3-Dichlorobenzene	ND		1.00	1	03/18/2016 11:30	WG856381
1,4-Dichlorobenzene	ND		1.00	1	03/18/2016 11:30	WG856381
Dichlorodifluoromethane	ND		5.00	1	03/18/2016 11:30	WG856381
1,1-Dichloroethane	ND		1.00	1	03/18/2016 11:30	WG856381
1,2-Dichloroethane	ND		1.00	1	03/18/2016 11:30	WG856381
1,1-Dichloroethene	ND		1.00	1	03/18/2016 11:30	WG856381
cis-1,2-Dichloroethene	ND		1.00	1	03/18/2016 11:30	WG856381
trans-1,2-Dichloroethene	ND		1.00	1	03/18/2016 11:30	WG856381
1,2-Dichloropropane	ND		1.00	1	03/18/2016 11:30	WG856381
cis-1,3-Dichloropropene	ND		1.00	1	03/18/2016 11:30	WG856381
trans-1,3-Dichloropropene	ND		1.00	1	03/18/2016 11:30	WG856381
Ethylbenzene	ND		1.00	1	03/18/2016 11:30	WG856381
2-Hexanone	ND		10.0	1	03/18/2016 11:30	WG856381
Isopropylbenzene	ND		1.00	1	03/18/2016 11:30	WG856381
2-Butanone (MEK)	ND		10.0	1	03/18/2016 11:30	WG856381
Methyl Acetate	ND		20.0	1	03/18/2016 11:30	WG856381
Methyl Cyclohexane	ND		1.00	1	03/18/2016 11:30	WG856381
Methylene Chloride	ND		5.00	1	03/18/2016 11:30	WG856381
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/18/2016 11:30	WG856381
Methyl tert-butyl ether	ND		1.00	1	03/18/2016 11:30	WG856381
Styrene	ND		1.00	1	03/18/2016 11:30	WG856381
1,1,2,2-Tetrachloroethane	ND		1.00	1	03/18/2016 11:30	WG856381
Tetrachloroethene	ND		1.00	1	03/18/2016 11:30	WG856381
Toluene	ND		5.00	1	03/18/2016 11:30	WG856381
1,2,3-Trichlorobenzene	ND		1.00	1	03/18/2016 11:30	WG856381
1,2,4-Trichlorobenzene	ND		1.00	1	03/18/2016 11:30	WG856381
1,1,1-Trichloroethane	ND		1.00	1	03/18/2016 11:30	WG856381
1,1,2-Trichloroethane	ND		1.00	1	03/18/2016 11:30	WG856381
Trichloroethene	ND		1.00	1	03/18/2016 11:30	WG856381
Trichlorofluoromethane	ND		5.00	1	03/18/2016 11:30	WG856381
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/18/2016 11:30	WG856381
Vinyl chloride	ND		1.00	1	03/18/2016 11:30	WG856381
Xylenes, Total	ND		3.00	1	03/18/2016 11:30	WG856381
(S) Toluene-d8	*107*		*90.0-115*		*03/18/2016 11:30*	WG856381
(S) Dibromofluoromethane	*104*		*79.0-121*		*03/18/2016 11:30*	WG856381
(S) a,a,a-Trifluorotoluene	*105*		*90.4-116*		*03/18/2016 11:30*	WG856381
(S) 4-Bromofluorobenzene	*108*		*80.1-120*		*03/18/2016 11:30*	WG856381

Semi Volatile Organic Compounds (GC/MS) by Method 8270D-SIM

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Anthracene	ND		0.0500	1	03/18/2016 01:59	WG856973
Acenaphthene	ND		0.0500	1	03/18/2016 01:59	WG856973
Acenaphthylene	ND		0.0500	1	03/18/2016 01:59	WG856973
Benzo(a)anthracene	ND		0.0500	1	03/18/2016 01:59	WG856973
Benzo(a)pyrene	ND		0.0500	1	03/18/2016 01:59	WG856973
Benzo(b)fluoranthene	ND		0.0500	1	03/18/2016 01:59	WG856973
Benzo(g,h,i)perylene	0.0675		0.0500	1	03/18/2016 01:59	WG856973
Benzo(k)fluoranthene	ND		0.0500	1	03/18/2016 01:59	WG856973
Chrysene	0.0570		0.0500	1	03/18/2016 01:59	WG856973
Dibenz(a,h)anthracene	ND		0.0500	1	03/18/2016 01:59	WG856973
Fluoranthene	ND		0.0500	1	03/18/2016 01:59	WG856973
Fluorene	ND		0.0500	1	03/18/2016 01:59	WG856973
Indeno(1,2,3-cd)pyrene	ND		0.0500	1	03/18/2016 01:59	WG856973
Naphthalene	ND		0.250	1	03/18/2016 01:59	WG856973
Phenanthrene	0.0679		0.0500	1	03/18/2016 01:59	WG856973
Pyrene	0.114		0.0500	1	03/18/2016 01:59	WG856973
1-Methylnaphthalene	ND		0.250	1	03/18/2016 01:59	WG856973
2-Methylnaphthalene	ND		0.250	1	03/18/2016 01:59	WG856973
2-Chloronaphthalene	ND		0.250	1	03/18/2016 01:59	WG856973
(S) Nitrobenzene-d5	*122*		*45.1-170*		*03/18/2016 01:59*	WG856973
(S) 2-Fluorobiphenyl	*111*		*57.7-153*		*03/18/2016 01:59*	WG856973
(S) p-Terphenyl-d14	*103*		*53.2-156*		*03/18/2016 01:59*	WG856973

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result ug/l	Qualifier	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	ND		50.0	1	03/16/2016 19:29	WG856815
Benzene	ND		1.00	1	03/16/2016 19:29	WG856815
Bromochloromethane	ND		1.00	1	03/16/2016 19:29	WG856815
Bromodichloromethane	ND		1.00	1	03/16/2016 19:29	WG856815
Bromoform	ND		1.00	1	03/16/2016 19:29	WG856815
Bromomethane	ND		5.00	1	03/16/2016 19:29	WG856815
Carbon disulfide	ND		1.00	1	03/16/2016 19:29	WG856815
Carbon tetrachloride	ND		1.00	1	03/16/2016 19:29	WG856815
Chlorobenzene	ND		1.00	1	03/16/2016 19:29	WG856815
Chlorodibromomethane	ND		1.00	1	03/16/2016 19:29	WG856815
Chloroethane	ND		5.00	1	03/16/2016 19:29	WG856815
Chloroform	ND		5.00	1	03/16/2016 19:29	WG856815
Chloromethane	ND		2.50	1	03/16/2016 19:29	WG856815
Cyclohexane	ND		1.00	1	03/16/2016 19:29	WG856815
1,2-Dibromo-3-Chloropropane	ND		5.00	1	03/16/2016 19:29	WG856815
1,2-Dibromoethane	ND		1.00	1	03/16/2016 19:29	WG856815
1,2-Dichlorobenzene	ND		1.00	1	03/16/2016 19:29	WG856815
1,3-Dichlorobenzene	ND		1.00	1	03/16/2016 19:29	WG856815
1,4-Dichlorobenzene	ND		1.00	1	03/16/2016 19:29	WG856815
Dichlorodifluoromethane	ND		5.00	1	03/16/2016 19:29	WG856815
1,1-Dichloroethane	ND		1.00	1	03/16/2016 19:29	WG856815
1,2-Dichloroethane	ND		1.00	1	03/16/2016 19:29	WG856815
1,1-Dichloroethene	ND		1.00	1	03/16/2016 19:29	WG856815
cis-1,2-Dichloroethene	ND		1.00	1	03/16/2016 19:29	WG856815
trans-1,2-Dichloroethene	ND		1.00	1	03/16/2016 19:29	WG856815
1,2-Dichloropropane	ND		1.00	1	03/16/2016 19:29	WG856815
cis-1,3-Dichloropropene	ND		1.00	1	03/16/2016 19:29	WG856815
trans-1,3-Dichloropropene	ND		1.00	1	03/16/2016 19:29	WG856815
Ethylbenzene	ND		1.00	1	03/16/2016 19:29	WG856815
2-Hexanone	ND		10.0	1	03/16/2016 19:29	WG856815
Isopropylbenzene	ND		1.00	1	03/16/2016 19:29	WG856815
2-Butanone (MEK)	ND		10.0	1	03/16/2016 19:29	WG856815
Methyl Acetate	ND		20.0	1	03/16/2016 19:29	WG856815
Methyl Cyclohexane	ND		1.00	1	03/16/2016 19:29	WG856815
Methylene Chloride	ND		5.00	1	03/16/2016 19:29	WG856815
4-Methyl-2-pentanone (MIBK)	ND		10.0	1	03/16/2016 19:29	WG856815
Methyl tert-butyl ether	ND		1.00	1	03/16/2016 19:29	WG856815
Styrene	ND		1.00	1	03/16/2016 19:29	WG856815
1,1,2,2-Tetrachloroethane	ND		1.00	1	03/16/2016 19:29	WG856815
Tetrachloroethene	ND		1.00	1	03/16/2016 19:29	WG856815
Toluene	ND		5.00	1	03/16/2016 19:29	WG856815
1,2,3-Trichlorobenzene	ND		1.00	1	03/16/2016 19:29	WG856815
1,2,4-Trichlorobenzene	ND		1.00	1	03/16/2016 19:29	WG856815
1,1,1-Trichloroethane	ND		1.00	1	03/16/2016 19:29	WG856815
1,1,2-Trichloroethane	ND		1.00	1	03/16/2016 19:29	WG856815
Trichloroethene	ND		1.00	1	03/16/2016 19:29	WG856815
Trichlorofluoromethane	ND		5.00	1	03/16/2016 19:29	WG856815
1,1,2-Trichlorotrifluoroethane	ND		1.00	1	03/16/2016 19:29	WG856815
Vinyl chloride	ND		1.00	1	03/16/2016 19:29	WG856815
Xylenes, Total	ND		3.00	1	03/16/2016 19:29	WG856815
(S) Toluene-d8	*98.1*		*90.0-115*		*03/16/2016 19:29*	WG856815
(S) Dibromofluoromethane	*101*		*79.0-121*		*03/16/2016 19:29*	WG856815
(S) α,α,α-Trifluorotoluene	*98.0*		*90.4-116*		*03/16/2016 19:29*	WG856815
(S) 4-Bromofluorobenzene	*99.2*		*80.1-120*		*03/16/2016 19:29*	WG856815

Method Blank (MB)

(MB) 03/17/16 10:42

Analyte	MB Result	MB Qualifier	MB RDL
	%		%
Total Solids	0.000600		

L823238-04 Original Sample (OS) • Duplicate (DUP)

(OS) 03/17/16 10:43 • (DUP) 03/17/16 10:43

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	80.7	84.4	1	4.47		5

Laboratory Control Sample (LCS)

(LCS) 03/17/16 10:42

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) 03/17/16 10:05

Analyte	MB Result %	MB Qualifier	MB RDL %
Total Solids	0.000700		

L823297-01 Original Sample (OS) • Duplicate (DUP)

(OS) 03/17/16 10:10 • (DUP) 03/17/16 10:09

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	89.5	81.9	1	8.83	J3	5

Laboratory Control Sample (LCS)

(LCS) 03/17/16 10:05

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) 03/18/16 03:41

Analyte	MB Result mg/l	MB Qualifier	MB RDL mg/l
Acetone	ND		0.0500
Benzene	ND		0.00100
Bromodichloromethane	ND		0.00100
Bromochloromethane	ND		0.00100
Bromoform	ND		0.00100
Bromomethane	ND		0.00500
Carbon disulfide	ND		0.00100
Carbon tetrachloride	ND		0.00100
Chlorobenzene	ND		0.00100
Chlorodibromomethane	ND		0.00100
Chloroethane	ND		0.00500
Chloroform	ND		0.00500
Chloromethane	ND		0.00250
Cyclohexane	ND		0.00100
1,2-Dibromo-3-Chloropropane	ND		0.00500
1,2-Dibromoethane	ND		0.00100
1,2-Dichlorobenzene	ND		0.00100
1,3-Dichlorobenzene	ND		0.00100
1,4-Dichlorobenzene	ND		0.00100
Dichlorodifluoromethane	ND		0.00500
1,1-Dichloroethane	ND		0.00100
1,2-Dichloroethane	ND		0.00100
1,1-Dichloroethene	ND		0.00100
cis-1,2-Dichloroethene	ND		0.00100
trans-1,2-Dichloroethene	ND		0.00100
1,2-Dichloropropane	ND		0.00100
cis-1,3-Dichloropropene	ND		0.00100
trans-1,3-Dichloropropene	ND		0.00100
Ethylbenzene	ND		0.00100
2-Hexanone	ND		0.0100
Isopropylbenzene	ND		0.00100
2-Butanone (MEK)	ND		0.0100
Methyl Acetate	ND		0.0200
Methyl Cyclohexane	ND		0.00100
Methylene Chloride	ND		0.00500
4-Methyl-2-pentanone (MIBK)	ND		0.0100

Method Blank (MB)

(MB) 03/18/16 03:41

Analyte	MB Result mg/l	MB Qualifier	MB RDL mg/l
Methyl tert-butyl ether	ND		0.00100
Styrene	ND		0.00100
1,1,2,2-Tetrachloroethane	ND		0.00100
Tetrachloroethene	ND		0.00100
Toluene	ND		0.00500
1,1,2-Trichlorotrifluoroethane	ND		0.00100
1,2,3-Trichlorobenzene	ND		0.00100
1,2,4-Trichlorobenzene	ND		0.00100
1,1,1-Trichloroethane	ND		0.00100
1,1,2-Trichloroethane	ND		0.00100
Trichloroethene	ND		0.00100
Trichlorofluoromethane	ND		0.00500
Vinyl chloride	ND		0.00100
Xylenes, Total	ND		0.00300
(S) Toluene-d8	*105*		*90.0-115*
(S) Dibromofluoromethane	*101*		*79.0-121*
(S) α,α,α-Trifluorotoluene	*104*		*90.4-116*
(S) 4-Bromofluorobenzene	*99.5*		*80.1-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/18/16 01:59 • (LCSD) 03/18/16 02:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.125	0.162	0.140	129	112	28.7-175			14.6	20.9
Benzene	0.0250	0.0236	0.0215	94.4	86.0	73.0-122			9.36	20
Bromodichloromethane	0.0250	0.0251	0.0229	100	91.6	75.5-121			9.26	20
Bromochloromethane	0.0250	0.0251	0.0227	101	90.8	78.9-123			10.1	20
Bromoform	0.0250	0.0260	0.0232	104	92.9	71.5-131			11.3	20
Bromomethane	0.0250	0.0263	0.0241	105	96.4	22.4-187			8.61	20
Carbon disulfide	0.0250	0.0263	0.0237	105	94.9	53.0-134			10.4	20
Carbon tetrachloride	0.0250	0.0250	0.0227	99.8	90.8	70.9-129			9.47	20
Chlorobenzene	0.0250	0.0254	0.0236	102	94.5	79.7-122			7.18	20
Chlorodibromomethane	0.0250	0.0261	0.0242	104	96.7	78.2-124			7.53	20
Chloroethane	0.0250	0.0258	0.0236	103	94.4	41.2-153			8.92	20
Chloroform	0.0250	0.0240	0.0219	95.9	87.6	73.2-125			9.13	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/18/16 01:59 • (LCSD) 03/18/16 02:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloromethane	0.0250	0.0209	0.0186	83.4	74.4	55.8-134			11.5	20
1,2-Dibromo-3-Chloropropane	0.0250	0.0245	0.0199	98.2	79.5	64.8-131		J3	21.0	20
1,2-Dibromoethane	0.0250	0.0242	0.0222	97.0	88.9	79.8-122			8.69	20
1,2-Dichlorobenzene	0.0250	0.0249	0.0226	99.5	90.5	84.7-118			9.52	20
1,3-Dichlorobenzene	0.0250	0.0239	0.0220	95.7	88.0	77.6-127			8.40	20
1,4-Dichlorobenzene	0.0250	0.0239	0.0213	95.5	85.2	82.2-114			11.3	20
Dichlorodifluoromethane	0.0250	0.0302	0.0286	121	114	56.0-134			5.42	20
1,1-Dichloroethane	0.0250	0.0247	0.0221	98.7	88.5	71.7-127			10.9	20
1,2-Dichloroethane	0.0250	0.0218	0.0197	87.0	78.6	65.3-126			10.1	20
1,1-Dichloroethene	0.0250	0.0246	0.0224	98.5	89.7	59.9-137			9.40	20
cis-1,2-Dichloroethene	0.0250	0.0255	0.0227	102	90.9	77.3-122			11.3	20
trans-1,2-Dichloroethene	0.0250	0.0257	0.0234	103	93.7	72.6-125			9.39	20
1,2-Dichloropropane	0.0250	0.0253	0.0225	101	90.2	77.4-125			11.3	20
cis-1,3-Dichloropropene	0.0250	0.0265	0.0238	106	95.3	77.7-124			10.8	20
trans-1,3-Dichloropropene	0.0250	0.0256	0.0235	102	93.8	73.5-127			8.60	20
Ethylbenzene	0.0250	0.0253	0.0236	101	94.6	80.9-121			6.87	20
2-Hexanone	0.125	0.143	0.130	114	104	59.4-151			9.39	20
Isopropylbenzene	0.0250	0.0251	0.0233	100	93.3	81.6-124			7.46	20
2-Butanone (MEK)	0.125	0.133	0.118	106	94.4	46.4-155			11.8	20
Methylene Chloride	0.0250	0.0241	0.0220	96.4	88.2	69.5-120			8.90	20
4-Methyl-2-pentanone (MIBK)	0.125	0.107	0.0926	85.6	74.1	63.3-138			14.4	20
Methyl tert-butyl ether	0.0250	0.0246	0.0218	98.3	87.4	70.1-125			11.7	20
Styrene	0.0250	0.0262	0.0241	105	96.4	79.9-124			8.25	20
1,1,2,2-Tetrachloroethane	0.0250	0.0226	0.0200	90.5	80.0	79.3-123			12.3	20
Tetrachloroethene	0.0250	0.0256	0.0232	103	92.8	73.5-130			10.0	20
Toluene	0.0250	0.0239	0.0219	95.7	87.7	77.9-116			8.78	20
1,1,2-Trichlorotrifluoroethane	0.0250	0.0271	0.0238	108	95.3	62.0-141			12.9	20
1,2,3-Trichlorobenzene	0.0250	0.0258	0.0237	103	94.6	75.7-134			8.63	20
1,2,4-Trichlorobenzene	0.0250	0.0266	0.0247	107	98.7	76.1-136			7.63	20
1,1,1-Trichloroethane	0.0250	0.0248	0.0223	99.2	89.1	71.1-129			10.7	20
1,1,2-Trichloroethane	0.0250	0.0246	0.0217	98.6	86.9	81.6-120			12.5	20
Trichloroethene	0.0250	0.0255	0.0233	102	93.4	79.5-121			9.01	20
Trichlorofluoromethane	0.0250	0.0265	0.0237	106	94.8	49.1-157			11.0	20
Vinyl chloride	0.0250	0.0281	0.0250	113	100	61.5-134			11.8	20
Xylenes, Total	0.0750	0.0776	0.0708	103	94.4	79.2-122			9.14	20
(S) Toluene-d8				*103*	*102*	*90.0-115*				

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/18/16 01:59 • (LCSD) 03/18/16 02:20

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
(S) Dibromofluoromethane				*101*	*96.8*	*79.0-121*				
(S) α,α,α-Trifluorotoluene				*106*	*104*	*90.4-116*				
(S) 4-Bromofluorobenzene				*98.0*	*99.7*	*80.1-120*				

L823203-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 03/18/16 05:44 • (MS) 03/18/16 04:01 • (MSD) 03/18/16 04:22

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.125	0.00903	0.177	0.169	134	128	1	25.0-156			4.64	21.5
Benzene	0.0250	ND	0.0235	0.0235	93.8	94.1	1	58.6-133			0.340	20
Bromodichloromethane	0.0250	ND	0.0252	0.0251	101	101	1	69.2-127			0.360	20
Bromochloromethane	0.0250	ND	0.0253	0.0252	101	101	1	74.4-128			0.500	20
Bromoform	0.0250	ND	0.0260	0.0259	104	104	1	66.3-140			0.240	20
Bromomethane	0.0250	ND	0.0250	0.0244	99.8	97.7	1	16.6-183			2.14	20.5
Carbon disulfide	0.0250	0.000419	0.0251	0.0242	98.6	95.0	1	34.9-138			3.65	20
Carbon tetrachloride	0.0250	ND	0.0242	0.0235	96.7	93.9	1	60.6-139			3.02	20
Chlorobenzene	0.0250	ND	0.0247	0.0249	98.8	99.7	1	70.1-130			0.880	20
Chlorodibromomethane	0.0250	ND	0.0260	0.0267	104	107	1	71.6-132			2.51	20
Chloroethane	0.0250	ND	0.0250	0.0238	99.9	95.0	1	33.3-155			5.04	20
Chloroform	0.0250	ND	0.0235	0.0235	94.1	94.2	1	66.1-133			0.0100	20
Chloromethane	0.0250	ND	0.0195	0.0192	78.2	76.8	1	40.7-139			1.86	20
1,2-Dibromo-3-Chloropropane	0.0250	ND	0.0235	0.0229	94.0	91.5	1	63.9-142			2.68	20.2
1,2-Dibromoethane	0.0250	ND	0.0244	0.0243	97.7	97.1	1	73.8-131			0.580	20
1,2-Dichlorobenzene	0.0250	ND	0.0241	0.0246	96.5	98.6	1	77.4-127			2.10	20
1,3-Dichlorobenzene	0.0250	ND	0.0232	0.0242	93.0	96.7	1	67.9-136			3.90	20
1,4-Dichlorobenzene	0.0250	ND	0.0228	0.0237	91.4	94.9	1	74.4-123			3.71	20
Dichlorodifluoromethane	0.0250	ND	0.0309	0.0279	124	112	1	42.2-146			10.3	20
1,1-Dichloroethane	0.0250	ND	0.0239	0.0236	95.6	94.6	1	64.0-134			1.07	20
1,2-Dichloroethane	0.0250	ND	0.0224	0.0226	89.7	90.2	1	60.7-132			0.530	20
1,1-Dichloroethene	0.0250	ND	0.0239	0.0231	95.6	92.5	1	48.8-144			3.32	20
cis-1,2-Dichloroethene	0.0250	0.00352	0.0275	0.0272	95.8	94.8	1	60.6-136			0.910	20
trans-1,2-Dichloroethene	0.0250	ND	0.0248	0.0238	99.0	95.2	1	61.0-132			3.96	20
1,2-Dichloropropane	0.0250	ND	0.0254	0.0254	102	102	1	69.7-130			0.170	20
cis-1,3-Dichloropropene	0.0250	ND	0.0261	0.0264	104	106	1	71.1-129			1.14	20
trans-1,3-Dichloropropene	0.0250	ND	0.0262	0.0263	105	105	1	66.3-136			0.510	20

L823203-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 03/18/16 05:44 • (MS) 03/18/16 04:01 • (MSD) 03/18/16 04:22

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ethylbenzene	0.0250	ND	0.0245	0.0244	98.0	97.5	1	62.7-136			0.570	20
2-Hexanone	0.125	0.00113	0.145	0.145	115	115	1	59.4-154			0.210	20.1
Isopropylbenzene	0.0250	ND	0.0245	0.0243	98.0	97.3	1	67.4-136			0.630	20
2-Butanone (MEK)	0.125	0.00204	0.137	0.134	108	106	1	45.0-156			1.83	20.8
Methylene Chloride	0.0250	0.00309	0.0261	0.0258	92.1	91.0	1	61.5-125			1.00	20
4-Methyl-2-pentanone (MIBK)	0.125	ND	0.108	0.106	86.3	84.7	1	60.7-150			1.77	20
Methyl tert-butyl ether	0.0250	ND	0.0240	0.0246	95.9	98.5	1	61.4-136			2.63	20
Styrene	0.0250	ND	0.0257	0.0262	103	105	1	68.2-133			1.89	20
1,1,2,2-Tetrachloroethane	0.0250	ND	0.0229	0.0228	91.5	91.1	1	64.9-145			0.510	20
Tetrachloroethene	0.0250	0.0454	0.0443	0.0443	0.000	0.000	1	57.4-141	J6	J6	0.0100	20
Toluene	0.0250	0.000622	0.0237	0.0234	92.4	91.2	1	67.8-124			1.23	20
1,1,2-Trichlorotrifluoroethane	0.0250	ND	0.0259	0.0248	103	99.1	1	53.7-150			4.23	20
1,2,3-Trichlorobenzene	0.0250	ND	0.0252	0.0260	101	104	1	65.7-143			3.29	20
1,2,4-Trichlorobenzene	0.0250	ND	0.0265	0.0278	106	111	1	67.0-146			4.84	20
1,1,1-Trichloroethane	0.0250	ND	0.0238	0.0229	95.2	91.4	1	58.7-134			4.08	20
1,1,2-Trichloroethane	0.0250	ND	0.0240	0.0244	96.0	97.4	1	74.1-130			1.45	20
Trichloroethene	0.0250	0.00484	0.0278	0.0271	91.9	89.2	1	48.9-148			2.45	20
Trichlorofluoromethane	0.0250	ND	0.0246	0.0243	98.4	97.2	1	39.9-165			1.22	20
Vinyl chloride	0.0250	ND	0.0266	0.0252	106	101	1	44.3-143			5.24	20
Xylenes, Total	0.0750	0.000526	0.0751	0.0744	99.4	98.5	1	65.6-133			0.830	20
(S) Toluene-d8					*103*	*103*		*90.0-115*				
(S) Dibromofluoromethane					*100*	*101*		*79.0-121*				
(S) α,α,α-Trifluorotoluene					*103*	*101*		*90.4-116*				
(S) 4-Bromofluorobenzene					*97.8*	*98.4*		*80.1-120*				

Method Blank (MB)

(MB) 03/16/16 09:49

Analyte	MB Result mg/l	MB Qualifier	MB RDL mg/l
Acetone	ND		0.0500
Benzene	ND		0.00100
Bromodichloromethane	ND		0.00100
Bromochloromethane	ND		0.00100
Bromoform	ND		0.00100
Bromomethane	ND		0.00500
Carbon disulfide	ND		0.00100
Carbon tetrachloride	ND		0.00100
Chlorobenzene	ND		0.00100
Chlorodibromomethane	ND		0.00100
Chloroethane	ND		0.00500
Chloroform	ND		0.00500
Chloromethane	ND		0.00250
Cyclohexane	ND		0.00100
1,2-Dibromo-3-Chloropropane	ND		0.00500
1,2-Dibromoethane	ND		0.00100
1,2-Dichlorobenzene	ND		0.00100
1,3-Dichlorobenzene	ND		0.00100
1,4-Dichlorobenzene	ND		0.00100
Dichlorodifluoromethane	ND		0.00500
1,1-Dichloroethane	ND		0.00100
1,2-Dichloroethane	ND		0.00100
1,1-Dichloroethene	ND		0.00100
cis-1,2-Dichloroethene	ND		0.00100
trans-1,2-Dichloroethene	ND		0.00100
1,2-Dichloropropane	ND		0.00100
cis-1,3-Dichloropropene	ND		0.00100
trans-1,3-Dichloropropene	ND		0.00100
Ethylbenzene	ND		0.00100
2-Hexanone	ND		0.0100
Isopropylbenzene	ND		0.00100
2-Butanone (MEK)	ND		0.0100
Methyl Acetate	ND		0.0200
Methyl Cyclohexane	ND		0.00100
Methylene Chloride	ND		0.00500
4-Methyl-2-pentanone (MIBK)	ND		0.0100

Method Blank (MB)

(MB) 03/16/16 09:49

Analyte	MB Result mg/l	MB Qualifier	MB RDL mg/l
Methyl tert-butyl ether	ND		0.00100
Styrene	ND		0.00100
1,1,2,2-Tetrachloroethane	ND		0.00100
Tetrachloroethene	ND		0.00100
Toluene	ND		0.00500
1,1,2-Trichlorotrifluoroethane	ND		0.00100
1,2,3-Trichlorobenzene	ND		0.00100
1,2,4-Trichlorobenzene	ND		0.00100
1,1,1-Trichloroethane	ND		0.00100
1,1,2-Trichloroethane	ND		0.00100
Trichloroethene	ND		0.00100
Trichlorofluoromethane	ND		0.00500
Vinyl chloride	ND		0.00100
Xylenes, Total	ND		0.00300
(S) Toluene-d8	*96.7*		*90.0-115*
(S) Dibromofluoromethane	*100*		*79.0-121*
(S) α,α,α-Trifluorotoluene	*97.8*		*90.4-116*
(S) 4-Bromofluorobenzene	*98.2*		*80.1-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/16/16 08:28 • (LCSD) 03/16/16 08:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.125	0.0640	0.0603	51.2	48.2	28.7-175			5.97	20.9
Benzene	0.0250	0.0256	0.0233	102	93.1	73.0-122			9.32	20
Bromodichloromethane	0.0250	0.0252	0.0226	101	90.5	75.5-121			10.7	20
Bromochloromethane	0.0250	0.0269	0.0244	108	97.4	78.9-123			10.0	20
Bromoform	0.0250	0.0279	0.0257	111	103	71.5-131			7.97	20
Bromomethane	0.0250	0.0277	0.0244	111	97.5	22.4-187			12.8	20
Carbon disulfide	0.0250	0.0234	0.0212	93.5	84.9	53.0-134			9.59	20
Carbon tetrachloride	0.0250	0.0217	0.0198	86.9	79.1	70.9-129			9.46	20
Chlorobenzene	0.0250	0.0274	0.0252	110	101	79.7-122			8.59	20
Chlorodibromomethane	0.0250	0.0272	0.0252	109	101	78.2-124			7.78	20
Chloroethane	0.0250	0.0271	0.0240	108	95.8	41.2-153			12.2	20
Chloroform	0.0250	0.0249	0.0227	99.8	90.8	73.2-125			9.47	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/16/16 08:28 • (LCSD) 03/16/16 08:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloromethane	0.0250	0.0261	0.0231	104	92.6	55.8-134			11.8	20
1,2-Dibromo-3-Chloropropane	0.0250	0.0252	0.0244	101	97.4	64.8-131			3.26	20
1,2-Dibromoethane	0.0250	0.0273	0.0250	109	100	79.8-122			8.62	20
1,2-Dichlorobenzene	0.0250	0.0270	0.0250	108	99.9	84.7-118			7.78	20
1,3-Dichlorobenzene	0.0250	0.0275	0.0251	110	101	77.6-127			8.85	20
1,4-Dichlorobenzene	0.0250	0.0264	0.0246	106	98.5	82.2-114			7.10	20
Dichlorodifluoromethane	0.0250	0.0297	0.0270	119	108	56.0-134			9.65	20
1,1-Dichloroethane	0.0250	0.0249	0.0225	99.7	90.0	71.7-127			10.2	20
1,2-Dichloroethane	0.0250	0.0232	0.0213	92.8	85.2	65.3-126			8.58	20
1,1-Dichloroethene	0.0250	0.0238	0.0220	95.2	88.0	59.9-137			7.86	20
cis-1,2-Dichloroethene	0.0250	0.0269	0.0240	108	96.0	77.3-122			11.4	20
trans-1,2-Dichloroethene	0.0250	0.0267	0.0238	107	95.4	72.6-125			11.2	20
1,2-Dichloropropane	0.0250	0.0257	0.0233	103	93.2	77.4-125			9.64	20
cis-1,3-Dichloropropene	0.0250	0.0261	0.0238	104	95.1	77.7-124			9.33	20
trans-1,3-Dichloropropene	0.0250	0.0254	0.0236	102	94.2	73.5-127			7.64	20
Ethylbenzene	0.0250	0.0276	0.0250	110	100	80.9-121			9.63	20
2-Hexanone	0.125	0.136	0.129	109	103	59.4-151			5.31	20
Isopropylbenzene	0.0250	0.0273	0.0247	109	98.7	81.6-124			10.0	20
2-Butanone (MEK)	0.125	0.111	0.103	89.1	82.2	46.4-155			8.04	20
Methylene Chloride	0.0250	0.0255	0.0229	102	91.8	69.5-120			10.5	20
4-Methyl-2-pentanone (MIBK)	0.125	0.124	0.117	99.3	93.3	63.3-138			6.17	20
Methyl tert-butyl ether	0.0250	0.0241	0.0225	96.3	90.0	70.1-125			6.70	20
Styrene	0.0250	0.0279	0.0255	112	102	79.9-124			8.91	20
1,1,2,2-Tetrachloroethane	0.0250	0.0268	0.0250	107	99.8	79.3-123			7.08	20
Tetrachloroethene	0.0250	0.0275	0.0250	110	100	73.5-130			9.44	20
Toluene	0.0250	0.0257	0.0232	103	92.7	77.9-116			10.3	20
1,1,2-Trichlorotrifluoroethane	0.0250	0.0252	0.0225	101	90.0	62.0-141			11.3	20
1,2,3-Trichlorobenzene	0.0250	0.0268	0.0256	107	102	75.7-134			4.73	20
1,2,4-Trichlorobenzene	0.0250	0.0280	0.0261	112	105	76.1-136			6.88	20
1,1,1-Trichloroethane	0.0250	0.0241	0.0216	96.4	86.5	71.1-129			10.8	20
1,1,2-Trichloroethane	0.0250	0.0268	0.0245	107	97.9	81.6-120			8.89	20
Trichloroethene	0.0250	0.0259	0.0229	104	91.5	79.5-121			12.5	20
Trichlorofluoromethane	0.0250	0.0256	0.0229	102	91.5	49.1-157			11.1	20
Vinyl chloride	0.0250	0.0247	0.0223	99.0	89.3	61.5-134			10.3	20
Xylenes, Total	0.0750	0.0827	0.0748	110	99.8	79.2-122			9.95	20
(S) Toluene-d8				*97.0*	*97.4*	*90.0-115*				

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/16/16 08:28 • (LCSD) 03/16/16 08:49

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
(S) Dibromofluoromethane				*98.4*	*98.2*	*79.0-121*				
(S) α,α,α-Trifluorotoluene				*99.2*	*96.2*	*90.4-116*				
(S) 4-Bromofluorobenzene				*95.7*	*96.1*	*80.1-120*				

L823372-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 03/16/16 11:49 • (MS) 03/16/16 12:10 • (MSD) 03/16/16 12:30

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.125	ND	0.0749	0.0726	59.9	58.0	1	25.0-156			3.16	21.5
Benzene	0.0250	0.0103	0.0318	0.0319	86.0	86.6	1	58.6-133			0.470	20
Bromodichloromethane	0.0250	ND	0.0229	0.0231	91.4	92.6	1	69.2-127			1.27	20
Bromochloromethane	0.0250	ND	0.0245	0.0249	98.0	99.8	1	74.4-128			1.81	20
Bromoform	0.0250	ND	0.0256	0.0260	103	104	1	66.3-140			1.33	20
Bromomethane	0.0250	ND	0.0251	0.0251	100	100	1	16.6-183			0.0300	20.5
Carbon disulfide	0.0250	ND	0.0219	0.0218	87.5	87.2	1	34.9-138			0.340	20
Carbon tetrachloride	0.0250	ND	0.0198	0.0200	79.4	80.0	1	60.6-139			0.720	20
Chlorobenzene	0.0250	ND	0.0247	0.0249	98.8	99.5	1	70.1-130			0.680	20
Chlorodibromomethane	0.0250	ND	0.0247	0.0252	98.7	101	1	71.6-132			2.30	20
Chloroethane	0.0250	ND	0.0261	0.0250	104	100	1	33.3-155			4.11	20
Chloroform	0.0250	ND	0.0237	0.0239	94.8	95.5	1	66.1-133			0.700	20
Chloromethane	0.0250	ND	0.0236	0.0234	94.4	93.5	1	40.7-139			0.950	20
1,2-Dibromo-3-Chloropropane	0.0250	ND	0.0250	0.0247	100	98.6	1	63.9-142			1.42	20.2
1,2-Dibromoethane	0.0250	ND	0.0251	0.0253	100	101	1	73.8-131			0.860	20
1,2-Dichlorobenzene	0.0250	ND	0.0249	0.0250	99.8	100	1	77.4-127			0.160	20
1,3-Dichlorobenzene	0.0250	ND	0.0245	0.0249	98.0	99.5	1	67.9-136			1.55	20
1,4-Dichlorobenzene	0.0250	ND	0.0244	0.0246	97.5	98.2	1	74.4-123			0.800	20
Dichlorodifluoromethane	0.0250	ND	0.0285	0.0275	114	110	1	42.2-146			3.47	20
1,1-Dichloroethane	0.0250	ND	0.0232	0.0235	93.0	93.9	1	64.0-134			0.950	20
1,2-Dichloroethane	0.0250	ND	0.0215	0.0217	86.2	86.9	1	60.7-132			0.880	20
1,1-Dichloroethene	0.0250	ND	0.0222	0.0219	88.9	87.6	1	48.8-144			1.47	20
cis-1,2-Dichloroethene	0.0250	ND	0.0248	0.0249	99.2	99.5	1	60.6-136			0.240	20
trans-1,2-Dichloroethene	0.0250	ND	0.0242	0.0244	97.0	97.5	1	61.0-132			0.540	20
1,2-Dichloropropane	0.0250	ND	0.0233	0.0233	93.1	93.0	1	69.7-130			0.0400	20
cis-1,3-Dichloropropene	0.0250	ND	0.0232	0.0236	92.9	94.6	1	71.1-129			1.76	20
trans-1,3-Dichloropropene	0.0250	ND	0.0224	0.0230	89.5	92.2	1	66.3-136			2.97	20

L823372-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 03/16/16 11:49 • (MS) 03/16/16 12:10 • (MSD) 03/16/16 12:30

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ethylbenzene	0.0250	0.0248	0.0460	0.0455	84.6	82.8	1	62.7-136			1.02	20
2-Hexanone	0.125	0.000288	0.102	0.101	81.3	80.6	1	59.4-154			0.760	20.1
Isopropylbenzene	0.0250	0.0132	0.0359	0.0358	90.7	90.2	1	67.4-136			0.320	20
2-Butanone (MEK)	0.125	ND	0.107	0.106	85.7	84.7	1	45.0-156			1.18	20.8
Methylene Chloride	0.0250	ND	0.0233	0.0235	93.1	93.9	1	61.5-125			0.870	20
4-Methyl-2-pentanone (MIBK)	0.125	ND	0.114	0.112	91.3	89.5	1	60.7-150			2.03	20
Methyl tert-butyl ether	0.0250	0.0735	0.0949	0.0959	85.5	89.4	1	61.4-136			1.01	20
Styrene	0.0250	0.000450	0.0258	0.0258	102	101	1	68.2-133			0.120	20
1,1,2,2-Tetrachloroethane	0.0250	ND	0.0249	0.0252	99.7	101	1	64.9-145			1.29	20
Tetrachloroethene	0.0250	ND	0.0245	0.0248	98.0	99.4	1	57.4-141			1.35	20
Toluene	0.0250	0.00160	0.0242	0.0243	90.2	90.8	1	67.8-124			0.540	20
1,1,2-Trichlorotrifluoroethane	0.0250	ND	0.0237	0.0239	94.7	95.4	1	53.7-150			0.720	20
1,2,3-Trichlorobenzene	0.0250	ND	0.0248	0.0255	99.2	102	1	65.7-143			2.91	20
1,2,4-Trichlorobenzene	0.0250	ND	0.0258	0.0264	103	105	1	67.0-146			2.13	20
1,1,1-Trichloroethane	0.0250	ND	0.0226	0.0227	90.2	90.9	1	58.7-134			0.730	20
1,1,2-Trichloroethane	0.0250	ND	0.0259	0.0261	104	104	1	74.1-130			0.900	20
Trichloroethene	0.0250	ND	0.0227	0.0229	90.9	91.5	1	48.9-148			0.560	20
Trichlorofluoromethane	0.0250	ND	0.0235	0.0232	93.8	92.8	1	39.9-165			1.06	20
Vinyl chloride	0.0250	ND	0.0231	0.0229	92.2	91.7	1	44.3-143			0.560	20
Xylenes, Total	0.0750	0.00956	0.0823	0.0830	96.9	97.9	1	65.6-133			0.860	20
(S) Toluene-d8					*95.7*	*95.8*		*90.0-115*				
(S) Dibromofluoromethane					*99.8*	*99.7*		*79.0-121*				
(S) α,α,α-Trifluorotoluene					*95.8*	*96.9*		*90.4-116*				
(S) 4-Bromofluorobenzene					*94.8*	*96.3*		*80.1-120*				

Method Blank (MB)

(MB) 03/19/16 02:02

Analyte	MB Result mg/l	MB Qualifier	MB RDL mg/l
Acetone	ND		0.0500
Benzene	ND		0.00100
Bromodichloromethane	ND		0.00100
Bromochloromethane	ND		0.00100
Bromoform	ND		0.00100
Bromomethane	ND		0.00500
Carbon disulfide	ND		0.00100
Carbon tetrachloride	ND		0.00100
Chlorobenzene	ND		0.00100
Chlorodibromomethane	ND		0.00100
Chloroethane	ND		0.00500
Chloroform	ND		0.00500
Chloromethane	ND		0.00250
Cyclohexane	ND		0.00100
1,2-Dibromo-3-Chloropropane	ND		0.00500
1,2-Dibromoethane	ND		0.00100
1,2-Dichlorobenzene	ND		0.00100
1,3-Dichlorobenzene	ND		0.00100
1,4-Dichlorobenzene	ND		0.00100
Dichlorodifluoromethane	ND		0.00500
1,1-Dichloroethane	ND		0.00100
1,2-Dichloroethane	ND		0.00100
1,1-Dichloroethene	ND		0.00100
cis-1,2-Dichloroethene	ND		0.00100
trans-1,2-Dichloroethene	ND		0.00100
1,2-Dichloropropane	ND		0.00100
cis-1,3-Dichloropropene	ND		0.00100
trans-1,3-Dichloropropene	ND		0.00100
Ethylbenzene	ND		0.00100
2-Hexanone	ND		0.0100
Isopropylbenzene	ND		0.00100
2-Butanone (MEK)	ND		0.0100
Methyl Acetate	ND		0.0200
Methyl Cyclohexane	ND		0.00100
Methylene Chloride	ND		0.00500
4-Methyl-2-pentanone (MIBK)	ND		0.0100

Method Blank (MB)

(MB) 03/19/16 02:02

Analyte	MB Result mg/l	MB Qualifier	MB RDL mg/l
Methyl tert-butyl ether	ND		0.00100
Styrene	ND		0.00100
1,1,2,2-Tetrachloroethane	ND		0.00100
Tetrachloroethene	ND		0.00100
Toluene	ND		0.00500
1,1,2-Trichlorotrifluoroethane	ND		0.00100
1,2,3-Trichlorobenzene	ND		0.00100
1,2,4-Trichlorobenzene	ND		0.00100
1,1,1-Trichloroethane	ND		0.00100
1,1,2-Trichloroethane	ND		0.00100
Trichloroethene	ND		0.00100
Trichlorofluoromethane	ND		0.00500
Vinyl chloride	ND		0.00100
Xylenes, Total	ND		0.00300
(S) Toluene-d8	*103*		*90.0-115*
(S) Dibromofluoromethane	*105*		*79.0-121*
(S) α,α,α-Trifluorotoluene	*100*		*90.4-116*
(S) 4-Bromofluorobenzene	*95.2*		*80.1-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/19/16 00:11 • (LCSD) 03/19/16 00:30

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.125	0.0756	0.0789	60.5	63.1	28.7-175			4.17	20.9
Benzene	0.0250	0.0233	0.0231	93.3	92.5	73.0-122			0.860	20
Bromodichloromethane	0.0250	0.0236	0.0234	94.5	93.5	75.5-121			1.05	20
Bromochloromethane	0.0250	0.0250	0.0242	99.9	96.7	78.9-123			3.26	20
Bromoform	0.0250	0.0243	0.0238	97.1	95.4	71.5-131			1.85	20
Bromomethane	0.0250	0.0332	0.0316	133	126	22.4-187			4.93	20
Carbon disulfide	0.0250	0.0262	0.0256	105	102	53.0-134			2.34	20
Carbon tetrachloride	0.0250	0.0232	0.0225	93.0	90.1	70.9-129			3.10	20
Chlorobenzene	0.0250	0.0256	0.0257	102	103	79.7-122			0.160	20
Chlorodibromomethane	0.0250	0.0257	0.0256	103	102	78.2-124			0.450	20
Chloroethane	0.0250	0.0275	0.0266	110	106	41.2-153			3.27	20
Chloroform	0.0250	0.0246	0.0236	98.4	94.4	73.2-125			4.15	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/19/16 00:11 • (LCSD) 03/19/16 00:30

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chloromethane	0.0250	0.0214	0.0202	85.6	81.0	55.8-134			5.54	20
1,2-Dibromo-3-Chloropropane	0.0250	0.0237	0.0229	94.9	91.6	64.8-131			3.57	20
1,2-Dibromoethane	0.0250	0.0256	0.0249	102	99.6	79.8-122			2.63	20
1,2-Dichlorobenzene	0.0250	0.0252	0.0249	101	99.6	84.7-118			1.33	20
1,3-Dichlorobenzene	0.0250	0.0244	0.0235	97.6	93.9	77.6-127			3.77	20
1,4-Dichlorobenzene	0.0250	0.0245	0.0250	98.2	100	82.2-114			1.84	20
Dichlorodifluoromethane	0.0250	0.0202	0.0202	80.7	80.7	56.0-134			0.0100	20
1,1-Dichloroethane	0.0250	0.0240	0.0233	96.2	93.3	71.7-127			3.04	20
1,2-Dichloroethane	0.0250	0.0242	0.0237	96.7	95.0	65.3-126			1.76	20
1,1-Dichloroethene	0.0250	0.0271	0.0263	108	105	59.9-137			3.04	20
cis-1,2-Dichloroethene	0.0250	0.0248	0.0245	99.1	98.2	77.3-122			0.930	20
trans-1,2-Dichloroethene	0.0250	0.0251	0.0247	100	98.9	72.6-125			1.53	20
1,2-Dichloropropane	0.0250	0.0235	0.0237	94.0	94.9	77.4-125			0.980	20
cis-1,3-Dichloropropene	0.0250	0.0252	0.0252	101	101	77.7-124			0.0400	20
trans-1,3-Dichloropropene	0.0250	0.0260	0.0250	104	99.9	73.5-127			3.92	20
Ethylbenzene	0.0250	0.0251	0.0255	100	102	80.9-121			1.66	20
2-Hexanone	0.125	0.112	0.112	89.7	89.9	59.4-151			0.310	20
Isopropylbenzene	0.0250	0.0244	0.0239	97.4	95.6	81.6-124			1.95	20
2-Butanone (MEK)	0.125	0.0995	0.0995	79.6	79.6	46.4-155			0.0300	20
Methylene Chloride	0.0250	0.0236	0.0227	94.6	90.8	69.5-120			4.04	20
4-Methyl-2-pentanone (MIBK)	0.125	0.114	0.114	91.4	91.6	63.3-138			0.170	20
Methyl tert-butyl ether	0.0250	0.0237	0.0226	94.6	90.2	70.1-125			4.75	20
Styrene	0.0250	0.0259	0.0259	104	104	79.9-124			0.0700	20
1,1,2,2-Tetrachloroethane	0.0250	0.0235	0.0233	94.2	93.3	79.3-123			0.950	20
Tetrachloroethene	0.0250	0.0251	0.0249	101	99.4	73.5-130			1.12	20
Toluene	0.0250	0.0231	0.0230	92.3	92.0	77.9-116			0.300	20
1,1,2-Trichlorotrifluoroethane	0.0250	0.0271	0.0285	108	114	62.0-141			5.23	20
1,2,3-Trichlorobenzene	0.0250	0.0229	0.0226	91.5	90.3	75.7-134			1.32	20
1,2,4-Trichlorobenzene	0.0250	0.0234	0.0232	93.5	92.9	76.1-136			0.680	20
1,1,1-Trichloroethane	0.0250	0.0240	0.0237	95.8	94.9	71.1-129			0.920	20
1,1,2-Trichloroethane	0.0250	0.0248	0.0257	99.3	103	81.6-120			3.51	20
Trichloroethene	0.0250	0.0246	0.0245	98.3	97.8	79.5-121			0.440	20
Trichlorofluoromethane	0.0250	0.0261	0.0255	105	102	49.1-157			2.63	20
Vinyl chloride	0.0250	0.0240	0.0241	96.1	96.5	61.5-134			0.420	20
Xylenes, Total	0.0750	0.0764	0.0749	102	99.9	79.2-122			2.01	20
(S) Toluene-d8				*99.0*	*102*	*90.0-115*				

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/19/16 00:11 • (LCSD) 03/19/16 00:30

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
(S) Dibromofluoromethane				*101*	*101*	*79.0-121*				
(S) α,α,α-Trifluorotoluene				*99.2*	*99.8*	*90.4-116*				
(S) 4-Bromofluorobenzene				*97.4*	*95.7*	*80.1-120*				

L824140-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 03/19/16 03:34 • (MS) 03/19/16 02:20 • (MSD) 03/19/16 02:38

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.125	0.00211	0.0462	0.0446	35.2	34.0	1	25.0-156			3.40	21.5
Benzene	0.0250	ND	0.0212	0.0189	84.6	75.4	1	58.6-133			11.5	20
Bromodichloromethane	0.0250	ND	0.0229	0.0210	91.4	84.0	1	69.2-127			8.45	20
Bromochloromethane	0.0250	ND	0.0233	0.0208	93.3	83.4	1	74.4-128			11.3	20
Bromoform	0.0250	ND	0.0233	0.0215	93.3	86.0	1	66.3-140			8.12	20
Bromomethane	0.0250	ND	0.0298	0.0262	119	105	1	16.6-183			12.6	20.5
Carbon disulfide	0.0250	ND	0.0195	0.0168	78.0	67.0	1	34.9-138			15.1	20
Carbon tetrachloride	0.0250	ND	0.0211	0.0175	84.5	70.0	1	60.6-139			18.7	20
Chlorobenzene	0.0250	ND	0.0220	0.0207	88.2	82.7	1	70.1-130			6.39	20
Chlorodibromomethane	0.0250	ND	0.0242	0.0227	96.7	90.8	1	71.6-132			6.29	20
Chloroethane	0.0250	ND	0.0245	0.0214	98.1	85.5	1	33.3-155			13.7	20
Chloroform	0.0250	ND	0.0228	0.0198	91.2	79.1	1	66.1-133			14.3	20
Chloromethane	0.0250	ND	0.0191	0.0167	76.4	66.9	1	40.7-139			13.3	20
1,2-Dibromo-3-Chloropropane	0.0250	ND	0.0226	0.0222	90.6	88.9	1	63.9-142			1.89	20.2
1,2-Dibromoethane	0.0250	ND	0.0238	0.0220	95.2	87.9	1	73.8-131			7.94	20
1,2-Dichlorobenzene	0.0250	ND	0.0224	0.0215	89.8	85.9	1	77.4-127			4.34	20
1,3-Dichlorobenzene	0.0250	ND	0.0210	0.0195	84.2	78.2	1	67.9-136			7.39	20
1,4-Dichlorobenzene	0.0250	ND	0.0218	0.0205	87.3	82.1	1	74.4-123			6.19	20
Dichlorodifluoromethane	0.0250	ND	0.0254	0.0211	102	84.5	1	42.2-146			18.5	20
1,1-Dichloroethane	0.0250	ND	0.0221	0.0189	88.3	75.7	1	64.0-134			15.3	20
1,2-Dichloroethane	0.0250	ND	0.0226	0.0209	90.3	83.5	1	60.7-132			7.84	20
1,1-Dichloroethene	0.0250	ND	0.0241	0.0193	96.6	77.3	1	48.8-144		J3	22.1	20
cis-1,2-Dichloroethene	0.0250	ND	0.0228	0.0198	91.0	79.2	1	60.6-136			13.9	20
trans-1,2-Dichloroethene	0.0250	ND	0.0224	0.0192	89.4	76.6	1	61.0-132			15.4	20
1,2-Dichloropropane	0.0250	ND	0.0219	0.0202	87.6	80.8	1	69.7-130			8.04	20
cis-1,3-Dichloropropene	0.0250	ND	0.0229	0.0212	91.7	85.0	1	71.1-129			7.60	20
trans-1,3-Dichloropropene	0.0250	ND	0.0231	0.0227	92.3	90.8	1	66.3-136			1.54	20

L824140-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 03/19/16 03:34 • (MS) 03/19/16 02:20 • (MSD) 03/19/16 02:38

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Ethylbenzene	0.0250	ND	0.0212	0.0200	84.9	79.8	1	62.7-136			6.19	20
2-Hexanone	0.125	ND	0.0953	0.0879	76.3	70.3	1	59.4-154			8.17	20.1
Isopropylbenzene	0.0250	ND	0.0214	0.0190	85.4	76.0	1	67.4-136			11.7	20
2-Butanone (MEK)	0.125	0.000363	0.0727	0.0673	57.9	53.6	1	45.0-156			7.71	20.8
Methylene Chloride	0.0250	ND	0.0219	0.0190	87.7	75.9	1	61.5-125			14.5	20
4-Methyl-2-pentanone (MIBK)	0.125	ND	0.114	0.110	91.0	88.0	1	60.7-150			3.40	20
Methyl tert-butyl ether	0.0250	ND	0.0219	0.0203	87.4	81.4	1	61.4-136			7.19	20
Styrene	0.0250	ND	0.0224	0.0210	89.7	84.0	1	68.2-133			6.61	20
1,1,2,2-Tetrachloroethane	0.0250	ND	0.0235	0.0216	94.2	86.5	1	64.9-145			8.54	20
Tetrachloroethene	0.0250	0.000212	0.0214	0.0187	84.8	74.1	1	57.4-141			13.4	20
Toluene	0.0250	ND	0.0206	0.0195	82.5	77.8	1	67.8-124			5.91	20
1,1,2-Trichlorotrifluoroethane	0.0250	ND	0.0265	0.0226	106	90.4	1	53.7-150			15.9	20
1,2,3-Trichlorobenzene	0.0250	ND	0.0204	0.0204	81.7	81.5	1	65.7-143			0.310	20
1,2,4-Trichlorobenzene	0.0250	ND	0.0197	0.0197	78.8	78.7	1	67.0-146			0.0700	20
1,1,1-Trichloroethane	0.0250	ND	0.0226	0.0190	90.2	76.0	1	58.7-134			17.1	20
1,1,2-Trichloroethane	0.0250	ND	0.0234	0.0222	93.5	88.9	1	74.1-130			4.97	20
Trichloroethene	0.0250	ND	0.0219	0.0190	87.6	76.2	1	48.9-148			14.0	20
Trichlorofluoromethane	0.0250	ND	0.0228	0.0190	91.2	76.0	1	39.9-165			18.2	20
Vinyl chloride	0.0250	ND	0.0223	0.0191	89.2	76.5	1	44.3-143			15.3	20
Xylenes, Total	0.0750	ND	0.0673	0.0598	89.7	79.8	1	65.6-133			11.8	20
(S) Toluene-d8					*100*	*103*		*90.0-115*				
(S) Dibromofluoromethane					*101*	*98.4*		*79.0-121*				
(S) α,α,α-Trifluorotoluene					*102*	*100*		*90.4-116*				
(S) 4-Bromofluorobenzene					*95.4*	*95.2*		*80.1-120*				

Method Blank (MB)

(MB) 03/18/16 15:45

Analyte	MB Result mg/kg	MB Qualifier	MB RDL mg/kg
Acetone	ND		0.0500
Acrylonitrile	ND		0.0100
Benzene	ND		0.00100
Bromobenzene	ND		0.00100
Bromodichloromethane	ND		0.00100
Bromoform	ND		0.00100
Bromomethane	ND		0.00500
n-Butylbenzene	ND		0.00100
sec-Butylbenzene	ND		0.00100
tert-Butylbenzene	ND		0.00100
Carbon tetrachloride	ND		0.00100
Chlorobenzene	ND		0.00100
Chlorodibromomethane	ND		0.00100
Chloroethane	ND		0.00500
2-Chloroethyl vinyl ether	ND		0.0500
Chloroform	ND		0.00500
Chloromethane	ND		0.00250
2-Chlorotoluene	ND		0.00100
4-Chlorotoluene	ND		0.00100
1,2-Dibromo-3-Chloropropane	ND		0.00500
1,2-Dibromoethane	ND		0.00100
Dibromomethane	ND		0.00100
1,2-Dichlorobenzene	ND		0.00100
1,3-Dichlorobenzene	ND		0.00100
1,4-Dichlorobenzene	ND		0.00100
Dichlorodifluoromethane	ND		0.00500
1,1-Dichloroethane	ND		0.00100
1,2-Dichloroethane	ND		0.00100
1,1-Dichloroethene	ND		0.00100
cis-1,2-Dichloroethene	ND		0.00100
trans-1,2-Dichloroethene	ND		0.00100
1,2-Dichloropropane	ND		0.00100
1,1-Dichloropropene	ND		0.00100
1,3-Dichloropropane	ND		0.00100
cis-1,3-Dichloropropene	ND		0.00100
trans-1,3-Dichloropropene	ND		0.00100

Method Blank (MB)

(MB) 03/18/16 15:45

Analyte	MB Result mg/kg	MB Qualifier	MB RDL mg/kg
2,2-Dichloropropane	ND		0.00100
Di-isopropyl ether	ND		0.00100
Ethylbenzene	ND		0.00100
Hexachloro-1,3-butadiene	ND		0.00100
Isopropylbenzene	ND		0.00100
p-Isopropyltoluene	ND		0.00100
2-Butanone (MEK)	ND		0.0100
Methylene Chloride	ND		0.00500
4-Methyl-2-pentanone (MIBK)	ND		0.0100
Methyl tert-butyl ether	ND		0.00100
Naphthalene	ND		0.00500
n-Propylbenzene	ND		0.00100
Styrene	ND		0.00100
1,1,1,2-Tetrachloroethane	ND		0.00100
1,1,2,2-Tetrachloroethane	ND		0.00100
Tetrachloroethene	ND		0.00100
Toluene	ND		0.00500
1,1,2-Trichlorotrifluoroethane	ND		0.00100
1,2,3-Trichlorobenzene	ND		0.00100
1,2,4-Trichlorobenzene	ND		0.00100
1,1,1-Trichloroethane	ND		0.00100
1,1,2-Trichloroethane	ND		0.00100
Trichloroethene	ND		0.00100
Trichlorofluoromethane	ND		0.00500
1,2,3-Trichloropropane	ND		0.00250
1,2,3-Trimethylbenzene	ND		0.00100
1,2,4-Trimethylbenzene	ND		0.00100
1,3,5-Trimethylbenzene	ND		0.00100
Vinyl chloride	ND		0.00100
Xylenes, Total	ND		0.00300
(S) Toluene-d8	*101*		*88.7-115*
(S) Dibromofluoromethane	*102*		*76.3-123*
(S) 4-Bromofluorobenzene	*99.4*		*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/18/16 14:14 • (LCSD) 03/18/16 14:32

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.125	0.0815	0.0908	65.2	72.6	25.3-178			10.8	22.9
Acrylonitrile	0.125	0.112	0.116	89.2	92.8	57.8-143			3.91	20
Benzene	0.0250	0.0220	0.0223	87.9	89.2	72.6-120			1.44	20
Bromobenzene	0.0250	0.0233	0.0233	93.3	93.0	80.3-115			0.260	20
Bromodichloromethane	0.0250	0.0231	0.0233	92.3	93.3	75.3-119			1.02	20
Bromoform	0.0250	0.0239	0.0238	95.4	95.0	69.1-135			0.410	20
Bromomethane	0.0250	0.0306	0.0322	122	129	23.0-191			5.12	20
n-Butylbenzene	0.0250	0.0235	0.0237	93.8	94.8	74.2-134			1.05	20
sec-Butylbenzene	0.0250	0.0228	0.0235	91.3	93.9	77.8-129			2.72	20
tert-Butylbenzene	0.0250	0.0229	0.0231	91.7	92.5	77.2-129			0.790	20
Carbon tetrachloride	0.0250	0.0205	0.0219	81.9	87.5	69.4-129			6.56	20
Chlorobenzene	0.0250	0.0238	0.0242	95.2	96.8	78.9-122			1.62	20
Chlorodibromomethane	0.0250	0.0249	0.0245	99.8	98.2	76.4-126			1.62	20
Chloroethane	0.0250	0.0248	0.0271	99.4	108	47.2-147			8.63	20
2-Chloroethyl vinyl ether	0.125	0.144	0.145	116	116	16.7-162			0.280	23.7
Chloroform	0.0250	0.0223	0.0234	89.1	93.7	73.3-122			5.00	20
Chloromethane	0.0250	0.0197	0.0207	78.9	82.8	53.1-135			4.89	20
2-Chlorotoluene	0.0250	0.0236	0.0239	94.3	95.6	74.6-127			1.40	20
4-Chlorotoluene	0.0250	0.0232	0.0239	92.9	95.6	79.5-123			2.87	20
1,2-Dibromo-3-Chloropropane	0.0250	0.0223	0.0227	89.1	90.8	64.9-131			1.82	20
1,2-Dibromoethane	0.0250	0.0243	0.0246	97.2	98.5	67.2-121			1.31	20
Dibromomethane	0.0250	0.0237	0.0244	94.9	97.8	78.5-117			3.05	20
1,2-Dichlorobenzene	0.0250	0.0234	0.0237	93.7	94.9	83.6-119			1.18	20
1,3-Dichlorobenzene	0.0250	0.0232	0.0234	92.8	93.4	75.9-129			0.690	20
1,4-Dichlorobenzene	0.0250	0.0235	0.0235	93.9	94.1	81.0-115			0.230	20
Dichlorodifluoromethane	0.0250	0.0191	0.0209	76.3	83.6	50.9-139			9.15	20
1,1-Dichloroethane	0.0250	0.0218	0.0228	87.2	91.2	71.7-125			4.42	20
1,2-Dichloroethane	0.0250	0.0224	0.0233	89.6	93.2	67.2-121			3.94	20
1,1-Dichloroethene	0.0250	0.0245	0.0267	98.1	107	60.6-133			8.34	20
cis-1,2-Dichloroethene	0.0250	0.0224	0.0230	89.6	92.2	76.1-121			2.81	20
trans-1,2-Dichloroethene	0.0250	0.0229	0.0235	91.4	94.0	70.7-124			2.74	20
1,2-Dichloropropane	0.0250	0.0228	0.0232	91.2	92.9	76.9-123			1.82	20
1,1-Dichloropropene	0.0250	0.0220	0.0233	87.9	93.3	71.2-126			6.00	20
1,3-Dichloropropane	0.0250	0.0233	0.0242	93.3	96.8	80.3-114			3.67	20
cis-1,3-Dichloropropene	0.0250	0.0241	0.0239	96.4	95.4	77.3-123			0.980	20
trans-1,3-Dichloropropene	0.0250	0.0239	0.0250	95.8	100	73.0-127			4.41	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/18/16 14:14 • (LCSD) 03/18/16 14:32

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
2,2-Dichloropropane	0.0250	0.0213	0.0224	85.3	89.5	61.9-132			4.84	20
Di-isopropyl ether	0.0250	0.0205	0.0211	81.8	84.3	67.2-131			3.04	20
Ethylbenzene	0.0250	0.0233	0.0237	93.2	94.6	78.6-124			1.54	20
Hexachloro-1,3-butadiene	0.0250	0.0231	0.0226	92.4	90.5	69.2-136			2.02	20
Isopropylbenzene	0.0250	0.0226	0.0232	90.2	92.6	79.4-126			2.58	20
p-Isopropyltoluene	0.0250	0.0244	0.0241	97.4	96.4	75.4-132			1.07	20
2-Butanone (MEK)	0.125	0.0889	0.0965	71.1	77.2	44.5-154			8.19	21.3
Methylene Chloride	0.0250	0.0218	0.0227	87.3	90.7	68.2-119			3.81	20
4-Methyl-2-pentanone (MIBK)	0.125	0.113	0.122	90.2	97.5	61.1-138			7.76	20
Methyl tert-butyl ether	0.0250	0.0209	0.0215	83.4	85.8	70.2-122			2.83	20
Naphthalene	0.0250	0.0221	0.0217	88.5	86.8	69.9-132			2.00	20
n-Propylbenzene	0.0250	0.0236	0.0240	94.3	96.2	80.2-124			1.95	20
Styrene	0.0250	0.0242	0.0251	96.8	100	79.4-124			3.61	20
1,1,1,2-Tetrachloroethane	0.0250	0.0240	0.0245	96.1	98.2	76.7-127			2.18	20
1,1,2,2-Tetrachloroethane	0.0250	0.0236	0.0233	94.5	93.2	78.8-124			1.32	20
Tetrachloroethene	0.0250	0.0233	0.0244	93.3	97.5	71.1-133			4.49	20
Toluene	0.0250	0.0218	0.0227	87.2	90.8	76.7-116			4.13	20
1,1,2-Trichlorotrifluoroethane	0.0250	0.0251	0.0288	100	115	62.6-138			13.8	20
1,2,3-Trichlorobenzene	0.0250	0.0235	0.0232	94.0	92.9	72.5-137			1.19	20
1,2,4-Trichlorobenzene	0.0250	0.0236	0.0230	94.6	92.0	74.0-137			2.83	20
1,1,1-Trichloroethane	0.0250	0.0219	0.0227	87.6	90.9	69.9-127			3.68	20
1,1,2-Trichloroethane	0.0250	0.0234	0.0245	93.6	98.0	81.9-119			4.60	20
Trichloroethene	0.0250	0.0231	0.0237	92.6	95.0	77.2-122			2.54	20
Trichlorofluoromethane	0.0250	0.0239	0.0263	95.7	105	51.5-151			9.56	20
1,2,3-Trichloropropane	0.0250	0.0236	0.0242	94.2	96.7	74.0-124			2.63	20
1,2,3-Trimethylbenzene	0.0250	0.0232	0.0235	92.6	94.0	79.4-118			1.47	20
1,2,4-Trimethylbenzene	0.0250	0.0231	0.0244	92.4	97.6	77.1-124			5.45	20
1,3,5-Trimethylbenzene	0.0250	0.0225	0.0231	89.9	92.5	79.0-125			2.88	20
Vinyl chloride	0.0250	0.0225	0.0231	90.0	92.4	58.4-134			2.61	20
Xylenes, Total	0.0750	0.0713	0.0720	95.1	96.0	78.1-123			1.03	20
(S) Toluene-d8				*102*	*102*	*88.7-115*				
(S) Dibromofluoromethane				*96.8*	*100*	*76.3-123*				
(S) 4-Bromofluorobenzene				*97.0*	*99.1*	*69.7-129*				

L823535-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 03/18/16 20:39 • (MS) 03/18/16 20:57 • (MSD) 03/18/16 21:15

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.125	0.0370	0.412	0.456	60.0	67.0	5	5.00-182			10.2	31.5
Acrylonitrile	0.125	ND	0.416	0.501	66.6	80.2	5	39.3-152			18.5	27.2
Benzene	0.0250	0.000622	0.0762	0.0914	60.5	72.6	5	47.8-131			18.1	22.8
Bromobenzene	0.0250	0.000338	0.0481	0.0619	38.2	49.2	5	40.0-130	J6		25.0	27.4
Bromodichloromethane	0.0250	ND	0.0762	0.0868	61.0	69.5	5	50.6-128			13.1	22.8
Bromoform	0.0250	ND	0.0626	0.0783	50.0	62.6	5	43.3-139			22.3	25.9
Bromomethane	0.0250	ND	0.116	0.139	92.5	112	5	5.00-189			18.7	26.7
n-Butylbenzene	0.0250	ND	0.0178	0.0288	14.2	23.0	5	23.6-146	J6	J3 J6	47.4	39.2
sec-Butylbenzene	0.0250	ND	0.0233	0.0361	18.7	28.9	5	31.0-142	J6	J3 J6	42.9	34.7
tert-Butylbenzene	0.0250	ND	0.0295	0.0430	23.6	34.4	5	36.9-142	J6	J3 J6	37.3	31.7
Carbon tetrachloride	0.0250	ND	0.0636	0.0789	50.8	63.1	5	46.0-140			21.5	27.2
Chlorobenzene	0.0250	ND	0.0600	0.0744	48.0	59.5	5	44.1-134			21.5	25.7
Chlorodibromomethane	0.0250	ND	0.0746	0.0882	59.7	70.5	5	49.7-134			16.7	24
Chloroethane	0.0250	ND	0.105	0.122	83.6	97.6	5	5.00-164			15.4	28.4
2-Chloroethyl vinyl ether	0.125	ND	0.507	0.582	81.2	93.1	5	5.00-159			13.7	40
Chloroform	0.0250	ND	0.0831	0.0972	66.5	77.8	5	51.2-133			15.7	22.8
Chloromethane	0.0250	ND	0.0835	0.0994	66.8	79.6	5	31.4-141			17.4	24.6
2-Chlorotoluene	0.0250	ND	0.0420	0.0552	33.6	44.1	5	36.1-137	J6		27.1	28.9
4-Chlorotoluene	0.0250	ND	0.0410	0.0544	32.8	43.5	5	35.4-137	J6		28.1	29.8
1,2-Dibromo-3-Chloropropane	0.0250	ND	0.0510	0.0610	40.8	48.8	5	40.4-138			17.9	30.8
1,2-Dibromoethane	0.0250	ND	0.0760	0.0911	60.8	72.9	5	50.2-133			18.0	23.6
Dibromomethane	0.0250	ND	0.0838	0.0995	67.1	79.6	5	52.4-128			17.1	23
1,2-Dichlorobenzene	0.0250	ND	0.0384	0.0518	30.7	41.4	5	34.6-139	J6		29.8	29.9
1,3-Dichlorobenzene	0.0250	ND	0.0350	0.0454	28.0	36.3	5	28.4-142	J6		25.8	31.2
1,4-Dichlorobenzene	0.0250	ND	0.0384	0.0489	30.7	39.1	5	35.0-133	J6		24.0	31.1
Dichlorodifluoromethane	0.0250	ND	0.0735	0.0886	58.8	70.9	5	31.2-144			18.6	30.2
1,1-Dichloroethane	0.0250	ND	0.0847	0.103	67.7	82.2	5	49.1-136			19.3	22.9
1,2-Dichloroethane	0.0250	ND	0.0859	0.100	68.8	80.1	5	47.1-129			15.2	22.7
1,1-Dichloroethene	0.0250	ND	0.0948	0.120	75.8	95.6	5	36.1-142			23.1	25.6
cis-1,2-Dichloroethene	0.0250	ND	0.0832	0.0985	66.5	78.8	5	50.6-133			16.9	23
trans-1,2-Dichloroethene	0.0250	ND	0.0834	0.101	66.7	80.5	5	43.8-135			18.7	24.8
1,2-Dichloropropane	0.0250	ND	0.0776	0.0928	62.1	74.2	5	50.3-134			17.8	22.7
1,1-Dichloropropene	0.0250	ND	0.0661	0.0841	52.9	67.3	5	43.0-137			23.9	26.4
1,3-Dichloropropane	0.0250	ND	0.0800	0.0916	64.0	73.3	5	51.4-127			13.5	23.1
cis-1,3-Dichloropropene	0.0250	ND	0.0785	0.0918	62.8	73.5	5	48.4-134			15.7	23.6
trans-1,3-Dichloropropene	0.0250	ND	0.0751	0.0903	60.1	72.2	5	46.6-135			18.4	25.3

L823535-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) 03/18/16 20:39 • (MS) 03/18/16 20:57 • (MSD) 03/18/16 21:15

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
2,2-Dichloropropane	0.0250	ND	0.0782	0.0928	62.6	74.3	5	45.2-141			17.1	26.8
Di-isopropyl ether	0.0250	ND	0.0837	0.0999	66.9	79.9	5	46.7-140			17.7	23.5
Ethylbenzene	0.0250	0.00135	0.0541	0.0673	42.2	52.7	5	44.8-135	J6		21.7	26.9
Hexachloro-1,3-butadiene	0.0250	ND	0.00624	0.0124	4.99	9.95	5	10.0-149	J6	J3 J6	66.3	40
Isopropylbenzene	0.0250	0.000263	0.0397	0.0547	31.6	43.6	5	41.9-139	J6	J3	31.8	29.3
p-Isopropyltoluene	0.0250	ND	0.0249	0.0369	19.9	29.5	5	27.3-146	J6	J3	38.9	35.1
2-Butanone (MEK)	0.125	0.00345	0.375	0.441	59.5	70.0	5	23.9-170			16.1	28.3
Methylene Chloride	0.0250	0.000475	0.0873	0.104	69.5	83.1	5	46.7-125			17.7	22.2
4-Methyl-2-pentanone (MIBK)	0.125	0.000791	0.414	0.498	66.2	79.5	5	42.4-146			18.2	26.7
Methyl tert-butyl ether	0.0250	ND	0.0863	0.104	69.0	83.4	5	50.4-131			18.9	24.8
Naphthalene	0.0250	0.00178	0.0337	0.0439	25.5	33.7	5	18.4-145			26.4	34
n-Propylbenzene	0.0250	0.000317	0.0355	0.0484	28.1	38.4	5	35.2-139	J6		30.8	31.9
Styrene	0.0250	ND	0.0558	0.0709	44.7	56.7	5	39.7-137			23.8	28.2
1,1,1,2-Tetrachloroethane	0.0250	ND	0.0657	0.0787	52.6	63.0	5	48.8-136			17.9	25.5
1,1,2,2-Tetrachloroethane	0.0250	ND	ND	0.00191	1.16	1.53	5	45.7-140	J6	J3 J6	27.1	26.4
Tetrachloroethene	0.0250	ND	0.0476	0.0605	38.1	48.4	5	37.7-140			23.9	29.2
Toluene	0.0250	0.00523	0.0680	0.0802	50.2	60.0	5	47.8-127			16.5	24.3
1,1,2-Trichlorotrifluoroethane	0.0250	ND	0.0667	0.0863	53.4	69.0	5	35.7-146			25.6	28.8
1,2,3-Trichlorobenzene	0.0250	ND	0.0173	0.0258	13.9	20.7	5	10.0-150		J3	39.3	38.5
1,2,4-Trichlorobenzene	0.0250	ND	0.0167	0.0249	13.4	19.9	5	10.0-153		J3	39.6	39.3
1,1,1-Trichloroethane	0.0250	ND	0.0732	0.0890	58.6	71.2	5	49.0-138			19.5	25.3
1,1,2-Trichloroethane	0.0250	ND	0.0731	0.0819	58.5	65.5	5	52.3-132			11.3	23.4
Trichloroethene	0.0250	ND	0.119	0.147	95.1	117	5	48.0-132			21.0	24.8
Trichlorofluoromethane	0.0250	ND	0.0788	0.0985	63.0	78.8	5	12.8-169			22.3	29.7
1,2,3-Trichloropropane	0.0250	ND	0.0684	0.0830	54.8	66.4	5	44.4-138			19.3	26.3
1,2,3-Trimethylbenzene	0.0250	0.000743	0.0412	0.0533	32.4	42.0	5	41.0-133	J6		25.5	27.6
1,2,4-Trimethylbenzene	0.0250	0.00207	0.0394	0.0509	29.8	39.0	5	32.9-139	J6		25.5	30.6
1,3,5-Trimethylbenzene	0.0250	0.00134	0.0362	0.0492	27.9	38.3	5	37.1-138	J6		30.4	30.6
Vinyl chloride	0.0250	ND	0.0908	0.109	72.6	87.2	5	32.0-146			18.3	26.3
Xylenes, Total	0.0750	ND	0.169	0.206	45.2	55.0	5	42.7-135	J6		19.6	26.6
(S) Toluene-d8					*100*	*98.8*		*88.7-115*				
(S) Dibromofluoromethane					*87.0*	*80.0*		*76.3-123*				
(S) 4-Bromofluorobenzene					*95.4*	*95.6*		*69.7-129*				

Method Blank (MB)

(MB) 03/22/16 05:39

Analyte	MB Result mg/kg	MB Qualifier	MB RDL mg/kg
Acetone	ND		0.0500
Acrylonitrile	ND		0.0100
Benzene	ND		0.00100
Bromobenzene	ND		0.00100
Bromodichloromethane	ND		0.00100
Bromoform	ND		0.00100
Bromomethane	ND		0.00500
n-Butylbenzene	ND		0.00100
sec-Butylbenzene	ND		0.00100
tert-Butylbenzene	ND		0.00100
Carbon tetrachloride	ND		0.00100
Chlorobenzene	ND		0.00100
Chlorodibromomethane	ND		0.00100
Chloroethane	ND		0.00500
2-Chloroethyl vinyl ether	ND		0.0500
Chloroform	ND		0.00500
Chloromethane	ND		0.00250
2-Chlorotoluene	ND		0.00100
4-Chlorotoluene	ND		0.00100
1,2-Dibromo-3-Chloropropane	ND		0.00500
1,2-Dibromoethane	ND		0.00100
Dibromomethane	ND		0.00100
1,2-Dichlorobenzene	ND		0.00100
1,3-Dichlorobenzene	ND		0.00100
1,4-Dichlorobenzene	ND		0.00100
Dichlorodifluoromethane	ND		0.00500
1,1-Dichloroethane	ND		0.00100
1,2-Dichloroethane	ND		0.00100
1,1-Dichloroethene	ND		0.00100
cis-1,2-Dichloroethene	ND		0.00100
trans-1,2-Dichloroethene	ND		0.00100
1,2-Dichloropropane	ND		0.00100
1,1-Dichloropropene	ND		0.00100
1,3-Dichloropropane	ND		0.00100
cis-1,3-Dichloropropene	ND		0.00100
trans-1,3-Dichloropropene	ND		0.00100

Method Blank (MB)

(MB) 03/22/16 05:39

Analyte	MB Result mg/kg	MB Qualifier	MB RDL mg/kg
2,2-Dichloropropane	ND		0.00100
Di-isopropyl ether	ND		0.00100
Ethylbenzene	ND		0.00100
Hexachloro-1,3-butadiene	ND		0.00100
Isopropylbenzene	ND		0.00100
p-Isopropyltoluene	ND		0.00100
2-Butanone (MEK)	ND		0.0100
Methylene Chloride	ND		0.00500
4-Methyl-2-pentanone (MIBK)	ND		0.0100
Methyl tert-butyl ether	ND		0.00100
Naphthalene	ND		0.00500
n-Propylbenzene	ND		0.00100
Styrene	ND		0.00100
1,1,1,2-Tetrachloroethane	ND		0.00100
1,1,2,2-Tetrachloroethane	ND		0.00100
Tetrachloroethene	ND		0.00100
Toluene	ND		0.00500
1,1,2-Trichlorotrifluoroethane	ND		0.00100
1,2,3-Trichlorobenzene	ND		0.00100
1,2,4-Trichlorobenzene	ND		0.00100
1,1,1-Trichloroethane	ND		0.00100
1,1,2-Trichloroethane	ND		0.00100
Trichloroethene	ND		0.00100
Trichlorofluoromethane	ND		0.00500
1,2,3-Trichloropropane	ND		0.00250
1,2,3-Trimethylbenzene	ND		0.00100
1,2,4-Trimethylbenzene	ND		0.00100
1,3,5-Trimethylbenzene	ND		0.00100
Vinyl chloride	ND		0.00100
Xylenes, Total	ND		0.00300
(S) Toluene-d8	*104*		*88.7-115*
(S) Dibromofluoromethane	*103*		*76.3-123*
(S) 4-Bromofluorobenzene	*94.6*		*69.7-129*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/22/16 04:07 • (LCSD) 03/22/16 04:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	0.125	0.0904	0.0891	72.3	71.3	25.3-178			1.45	22.9
Acrylonitrile	0.125	0.114	0.110	91.1	87.6	57.8-143			3.88	20
Benzene	0.0250	0.0222	0.0223	88.9	89.3	72.6-120			0.420	20
Bromobenzene	0.0250	0.0228	0.0236	91.2	94.4	80.3-115			3.40	20
Bromodichloromethane	0.0250	0.0227	0.0232	91.0	92.7	75.3-119			1.86	20
Bromoform	0.0250	0.0220	0.0227	88.1	90.9	69.1-135			3.15	20
Bromomethane	0.0250	0.0343	0.0359	137	143	23.0-191			4.37	20
n-Butylbenzene	0.0250	0.0236	0.0237	94.2	94.8	74.2-134			0.590	20
sec-Butylbenzene	0.0250	0.0230	0.0236	91.9	94.2	77.8-129			2.52	20
tert-Butylbenzene	0.0250	0.0225	0.0237	89.8	94.9	77.2-129			5.46	20
Carbon tetrachloride	0.0250	0.0224	0.0227	89.6	90.7	69.4-129			1.28	20
Chlorobenzene	0.0250	0.0236	0.0244	94.5	97.5	78.9-122			3.09	20
Chlorodibromomethane	0.0250	0.0239	0.0240	95.5	96.0	76.4-126			0.590	20
Chloroethane	0.0250	0.0298	0.0308	119	123	47.2-147			3.29	20
2-Chloroethyl vinyl ether	0.125	0.141	0.143	113	114	16.7-162			0.850	23.7
Chloroform	0.0250	0.0234	0.0237	93.7	94.9	73.3-122			1.20	20
Chloromethane	0.0250	0.0237	0.0238	94.9	95.4	53.1-135			0.530	20
2-Chlorotoluene	0.0250	0.0217	0.0229	86.7	91.7	74.6-127			5.60	20
4-Chlorotoluene	0.0250	0.0240	0.0237	96.0	94.6	79.5-123			1.42	20
1,2-Dibromo-3-Chloropropane	0.0250	0.0214	0.0208	85.6	83.3	64.9-131			2.68	20
1,2-Dibromoethane	0.0250	0.0237	0.0237	94.7	95.0	67.2-121			0.280	20
Dibromomethane	0.0250	0.0233	0.0240	93.3	95.9	78.5-117			2.75	20
1,2-Dichlorobenzene	0.0250	0.0229	0.0233	91.6	93.1	83.6-119			1.69	20
1,3-Dichlorobenzene	0.0250	0.0223	0.0226	89.0	90.6	75.9-129			1.75	20
1,4-Dichlorobenzene	0.0250	0.0233	0.0230	93.1	92.0	81.0-115			1.13	20
Dichlorodifluoromethane	0.0250	0.0290	0.0284	116	113	50.9-139			2.07	20
1,1-Dichloroethane	0.0250	0.0227	0.0228	90.7	91.3	71.7-125			0.620	20
1,2-Dichloroethane	0.0250	0.0231	0.0234	92.4	93.8	67.2-121			1.49	20
1,1-Dichloroethene	0.0250	0.0271	0.0285	109	114	60.6-133			4.97	20
cis-1,2-Dichloroethene	0.0250	0.0234	0.0240	93.8	95.8	76.1-121			2.17	20
trans-1,2-Dichloroethene	0.0250	0.0240	0.0244	96.0	97.5	70.7-124			1.52	20
1,2-Dichloropropane	0.0250	0.0230	0.0227	92.1	90.8	76.9-123			1.43	20
1,1-Dichloropropene	0.0250	0.0245	0.0245	98.0	98.0	71.2-126			0.0100	20
1,3-Dichloropropane	0.0250	0.0229	0.0230	91.5	91.9	80.3-114			0.480	20
cis-1,3-Dichloropropene	0.0250	0.0238	0.0243	95.1	97.0	77.3-123			2.02	20
trans-1,3-Dichloropropene	0.0250	0.0249	0.0242	99.6	96.9	73.0-127			2.73	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/22/16 04:07 • (LCSD) 03/22/16 04:26

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
2,2-Dichloropropane	0.0250	0.0234	0.0247	93.7	98.9	61.9-132			5.46	20
Di-isopropyl ether	0.0250	0.0224	0.0223	89.8	89.0	67.2-131			0.810	20
Ethylbenzene	0.0250	0.0238	0.0246	95.3	98.5	78.6-124			3.24	20
Hexachloro-1,3-butadiene	0.0250	0.0217	0.0213	87.0	85.2	69.2-136			2.15	20
Isopropylbenzene	0.0250	0.0226	0.0238	90.5	95.0	79.4-126			4.85	20
p-Isopropyltoluene	0.0250	0.0234	0.0240	93.8	96.1	75.4-132			2.50	20
2-Butanone (MEK)	0.125	0.104	0.100	83.0	80.3	44.5-154			3.33	21.3
Methylene Chloride	0.0250	0.0225	0.0228	90.1	91.4	68.2-119			1.38	20
4-Methyl-2-pentanone (MIBK)	0.125	0.117	0.115	93.4	91.7	61.1-138			1.85	20
Methyl tert-butyl ether	0.0250	0.0218	0.0225	87.1	89.8	70.2-122			3.05	20
Naphthalene	0.0250	0.0203	0.0204	81.4	81.5	69.9-132			0.200	20
n-Propylbenzene	0.0250	0.0235	0.0243	94.1	97.3	80.2-124			3.34	20
Styrene	0.0250	0.0236	0.0244	94.2	97.7	79.4-124			3.56	20
1,1,1,2-Tetrachloroethane	0.0250	0.0230	0.0245	92.1	98.0	76.7-127			6.16	20
1,1,2,2-Tetrachloroethane	0.0250	0.0223	0.0231	89.4	92.2	78.8-124			3.14	20
Tetrachloroethene	0.0250	0.0232	0.0236	92.9	94.6	71.1-133			1.78	20
Toluene	0.0250	0.0226	0.0226	90.4	90.4	76.7-116			0.0200	20
1,1,2-Trichlorotrifluoroethane	0.0250	0.0294	0.0294	118	118	62.6-138			0.100	20
1,2,3-Trichlorobenzene	0.0250	0.0212	0.0214	84.7	85.7	72.5-137			1.14	20
1,2,4-Trichlorobenzene	0.0250	0.0220	0.0217	88.0	87.0	74.0-137			1.16	20
1,1,1-Trichloroethane	0.0250	0.0240	0.0241	96.0	96.5	69.9-127			0.500	20
1,1,2-Trichloroethane	0.0250	0.0234	0.0235	93.6	94.1	81.9-119			0.580	20
Trichloroethene	0.0250	0.0230	0.0237	91.8	94.7	77.2-122			3.09	20
Trichlorofluoromethane	0.0250	0.0257	0.0263	103	105	51.5-151			2.28	20
1,2,3-Trichloropropane	0.0250	0.0228	0.0231	91.1	92.2	74.0-124			1.26	20
1,2,3-Trimethylbenzene	0.0250	0.0227	0.0233	90.6	93.0	79.4-118			2.64	20
1,2,4-Trimethylbenzene	0.0250	0.0233	0.0241	93.1	96.3	77.1-124			3.42	20
1,3,5-Trimethylbenzene	0.0250	0.0228	0.0237	91.4	94.7	79.0-125			3.54	20
Vinyl chloride	0.0250	0.0266	0.0263	107	105	58.4-134			1.08	20
Xylenes, Total	0.0750	0.0709	0.0732	94.5	97.5	78.1-123			3.14	20
(S) Toluene-d8				*102*	*104*	*88.7-115*				
(S) Dibromofluoromethane				*101*	*101*	*76.3-123*				
(S) 4-Bromofluorobenzene				*97.9*	*101*	*69.7-129*				

Method Blank (MB)

(MB) 03/17/16 17:24

Analyte	MB Result mg/l	MB Qualifier	MB RDL mg/l
Anthracene	ND		0.0000500
Anthracene	ND		0.0000500
Acenaphthene	ND		0.0000500
Acenaphthene	ND		0.0000500
Acenaphthylene	ND		0.0000500
Acenaphthylene	ND		0.0000500
Benzo(a)anthracene	ND		0.0000500
Benzo(a)anthracene	ND		0.0000500
Benzo(a)pyrene	ND		0.0000500
Benzo(a)pyrene	ND		0.0000500
Benzo(b)fluoranthene	ND		0.0000500
Benzo(b)fluoranthene	ND		0.0000500
Benzo(g,h,i)perylene	ND		0.0000500
Benzo(g,h,i)perylene	ND		0.0000500
Benzo(k)fluoranthene	ND		0.0000500
Benzo(k)fluoranthene	ND		0.0000500
Chrysene	ND		0.0000500
Chrysene	ND		0.0000500
Dibenz(a,h)anthracene	ND		0.0000500
Dibenz(a,h)anthracene	ND		0.0000500
Fluoranthene	ND		0.0000500
Fluoranthene	ND		0.0000500
Fluorene	ND		0.0000500
Fluorene	ND		0.0000500
Indeno(1,2,3-cd)pyrene	ND		0.0000500
Indeno(1,2,3-cd)pyrene	ND		0.0000500
Naphthalene	ND		0.000250
Naphthalene	ND		0.000250
Phenanthrene	ND		0.0000500
Phenanthrene	ND		0.0000500
Pyrene	ND		0.0000500
Pyrene	ND		0.0000500
1-Methylnaphthalene	ND		0.000250
1-Methylnaphthalene	ND		0.000250
2-Methylnaphthalene	ND		0.000250
2-Chloronaphthalene	ND		0.000250

Method Blank (MB)

(MB) 03/17/16 17:24

Analyte	MB Result mg/l	MB Qualifier	MB RDL mg/l
2-Chloronaphthalene	ND		0.000250
2-Methylnaphthalene	ND		0.000250
(S) Nitrobenzene-d5	*105*		*33.8-179*
(S) Nitrobenzene-d5	*105*		*33.8-179*
(S) 2-Fluorobiphenyl	*95.9*		*55.5-150*
(S) 2-Fluorobiphenyl	*95.9*		*55.5-150*
(S) p-Terphenyl-d14	*86.9*		*46.2-163*
(S) p-Terphenyl-d14	*86.9*		*46.2-163*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/17/16 16:37 • (LCSD) 03/17/16 17:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.00200	0.00192	0.00187	96.2	93.3	68.9-153			3.05	20
Anthracene	0.00200	0.00192	0.00187	96.2	93.3	68.9-153			3.05	20
Acenaphthene	0.00200	0.00188	0.00180	93.9	90.0	67.7-153			4.33	20
Acenaphthene	0.00200	0.00188	0.00180	93.9	90.0	67.7-141			4.33	20
Acenaphthylene	0.00200	0.00193	0.00183	96.4	91.7	66.9-141			5.00	20
Acenaphthylene	0.00200	0.00193	0.00183	96.4	91.7	66.9-141			5.00	20
Benzo(a)anthracene	0.00200	0.00181	0.00170	90.3	84.8	63.1-147			6.29	20
Benzo(a)anthracene	0.00200	0.00181	0.00170	90.3	84.8	63.1-147			6.29	20
Benzo(a)pyrene	0.00200	0.00191	0.00180	95.5	90.0	62.2-150			5.98	20
Benzo(a)pyrene	0.00200	0.00191	0.00180	95.5	90.0	62.2-150			5.98	20
Benzo(b)fluoranthene	0.00200	0.00183	0.00183	91.7	91.4	58.4-148			0.360	20
Benzo(b)fluoranthene	0.00200	0.00183	0.00183	91.7	91.4	58.4-148			0.360	20
Benzo(g,h,i)perylene	0.00200	0.00190	0.00178	95.0	88.9	57.4-152			6.65	20
Benzo(g,h,i)perylene	0.00200	0.00190	0.00178	95.0	88.9	57.4-152			6.65	20
Benzo(k)fluoranthene	0.00200	0.00204	0.00186	102	92.9	60.5-154			9.48	20
Benzo(k)fluoranthene	0.00200	0.00204	0.00186	102	92.9	60.5-154			9.48	20
Chrysene	0.00200	0.00208	0.00205	104	102	64.8-155			1.66	20
Chrysene	0.00200	0.00208	0.00205	104	102	64.8-155			1.66	20
Dibenz(a,h)anthracene	0.00200	0.00174	0.00158	87.2	78.8	53.5-153			10.1	20
Dibenz(a,h)anthracene	0.00200	0.00174	0.00158	87.2	78.8	53.5-153			10.1	20
Fluoranthene	0.00200	0.00223	0.00216	111	108	68.6-153			2.89	20
Fluoranthene	0.00200	0.00223	0.00216	111	108	68.6-153			2.89	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/17/16 16:37 • (LCSD) 03/17/16 17:00

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Fluorene	0.00200	0.00185	0.00175	92.7	87.3	67.3-141			5.96	20
Fluorene	0.00200	0.00185	0.00175	92.7	87.3	67.3-141			5.96	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00186	0.00171	93.0	85.5	57.0-155			8.38	20
Indeno(1,2,3-cd)pyrene	0.00200	0.00186	0.00171	93.0	85.5	57.0-155			8.38	20
Naphthalene	0.00200	0.00199	0.00191	99.7	95.4	66.7-135			4.43	20
Naphthalene	0.00200	0.00199	0.00191	99.7	95.4	66.7-135			4.43	20
Phenanthrene	0.00200	0.00179	0.00170	89.7	84.9	64.3-143			5.47	20
Phenanthrene	0.00200	0.00179	0.00170	89.7	84.9	64.3-143			5.47	20
Pyrene	0.00200	0.00179	0.00172	89.7	85.9	60.2-154			4.28	20
Pyrene	0.00200	0.00179	0.00172	89.7	85.9	60.2-154			4.28	20
1-Methylnaphthalene	0.00200	0.00201	0.00193	100	96.4	68.3-144			4.09	20
1-Methylnaphthalene	0.00200	0.00201	0.00193	100	96.4	68.3-144			4.09	20
2-Chloronaphthalene	0.00200	0.00183	0.00175	91.5	87.4	69.7-144			4.57	20
2-Methylnaphthalene	0.00200	0.00202	0.00193	101	96.5	67.6-143			4.51	20
2-Chloronaphthalene	0.00200	0.00183	0.00175	91.5	87.4	69.7-144			4.57	20
2-Methylnaphthalene	0.00200	0.00202	0.00193	101	96.5	67.6-143			4.51	20
(S) Nitrobenzene-d5				*106*	*101*	*33.8-179*				
(S) Nitrobenzene-d5				*106*	*101*	*33.8-179*				
(S) 2-Fluorobiphenyl				*96.7*	*92.3*	*55.5-150*				
(S) 2-Fluorobiphenyl				*96.7*	*92.3*	*55.5-150*				
(S) p-Terphenyl-d14				*86.1*	*81.2*	*46.2-163*				
(S) p-Terphenyl-d14				*86.1*	*81.2*	*46.2-163*				

Method Blank (MB)

(MB) 03/17/16 13:26

Analyte	MB Result mg/kg	MB Qualifier	MB RDL mg/kg
Anthracene	ND		0.00600
Acenaphthene	ND		0.00600
Acenaphthylene	ND		0.00600
Benzo(a)anthracene	ND		0.00600
Benzo(a)pyrene	ND		0.00600
Benzo(b)fluoranthene	ND		0.00600
Benzo(g,h,i)perylene	ND		0.00600
Benzo(k)fluoranthene	ND		0.00600
Chrysene	ND		0.00600
Dibenz(a,h)anthracene	ND		0.00600
Fluoranthene	ND		0.00600
Fluorene	ND		0.00600
Indeno(1,2,3-cd)pyrene	ND		0.00600
Naphthalene	ND		0.0200
Phenanthrene	ND		0.00600
Pyrene	ND		0.00600
1-Methylnaphthalene	ND		0.0200
2-Methylnaphthalene	ND		0.0200
2-Chloronaphthalene	ND		0.0200
(S) p-Terphenyl-d14	*91.0*		*32.2-131*
(S) Nitrobenzene-d5	*89.6*		*22.1-146*
(S) 2-Fluorobiphenyl	*92.3*		*40.6-122*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/17/16 12:43 • (LCSD) 03/17/16 13:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Anthracene	0.0800	0.0794	0.0797	99.2	99.6	50.3-130			0.380	20
Acenaphthene	0.0800	0.0795	0.0787	99.4	98.4	52.4-120			1.00	20
Acenaphthylene	0.0800	0.0791	0.0779	98.9	97.4	49.6-120			1.56	20
Benzo(a)anthracene	0.0800	0.0800	0.0795	100	99.3	46.7-125			0.730	20
Benzo(a)pyrene	0.0800	0.0787	0.0825	98.3	103	42.3-119			4.77	20
Benzo(b)fluoranthene	0.0800	0.0828	0.0768	104	96.0	43.6-124			7.58	20
Benzo(g,h,i)perylene	0.0800	0.0835	0.0843	104	105	45.1-132			0.950	20
Benzo(k)fluoranthene	0.0800	0.0760	0.0828	95.0	104	46.1-131			8.65	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) 03/17/16 12:43 • (LCSD) 03/17/16 13:05

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Chrysene	0.0800	0.0822	0.0824	103	103	49.5-131			0.200	20
Dibenz(a,h)anthracene	0.0800	0.0842	0.0843	105	105	44.8-133			0.200	20
Fluoranthene	0.0800	0.0781	0.0773	97.7	96.6	49.3-128			1.07	20
Fluorene	0.0800	0.0782	0.0780	97.7	97.5	50.6-121			0.170	20
Indeno(1,2,3-cd)pyrene	0.0800	0.0852	0.0855	107	107	46.1-135			0.320	20
Naphthalene	0.0800	0.0738	0.0741	92.2	92.7	49.6-115			0.460	20
Phenanthrene	0.0800	0.0768	0.0752	96.0	94.0	48.8-121			2.08	20
Pyrene	0.0800	0.0895	0.0899	112	112	44.7-130			0.450	20
1-Methylnaphthalene	0.0800	0.0784	0.0787	98.0	98.4	50.6-122			0.380	20
2-Methylnaphthalene	0.0800	0.0780	0.0781	97.5	97.6	50.4-120			0.180	20
2-Chloronaphthalene	0.0800	0.0775	0.0759	96.8	94.9	53.9-121			1.97	20
(S) p-Terphenyl-d14				*91.9*	*95.0*	*32.2-131*				
(S) Nitrobenzene-d5				*95.1*	*102*	*22.1-146*				
(S) 2-Fluorobiphenyl				*98.2*	*99.9*	*40.6-122*				

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND,U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.
SDL	Sample Detection Limit.
MQL	Method Quantitation Limit.
Unadj. MQL	Unadjusted Method Quantitation Limit.

Qualifier	Description
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
J7	Surrogate recovery cannot be used for control limit evaluation due to dilution.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [1 4]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

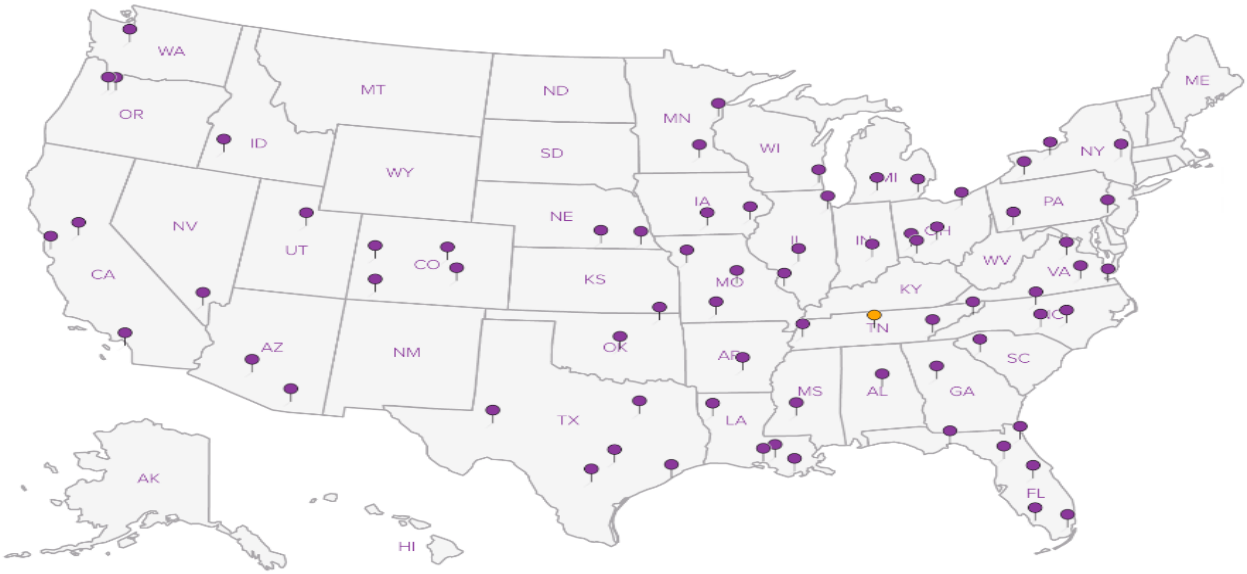
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



Leader Environmental

271 Marsh Road, Suite 2
Pittsford, NY 14534

Billing Information:
Accounts Payable
271 Marsh Road, Suite 2
Pittsford, NY 14534

Report to: Mr. Peter von Schondorf

Email To: pvonschondorf@leaderlink.com

Project Description: **Foodlink Flint Street Project**

City/State Collected: Rochester NY

Phone: 585-248-2413
Fax:

Client Project # 900.001

Lab Project # LEADERPNY-FOODLINK

Collected by (print): Peter von Schondorf

Site/Facility ID #

P.O. #

Collected by (signature): Peter von Schondorf
Immediately Packed on Ice N___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: STD

Email? ___No X_Yes
FAX? ___No ___Yes

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PAHSIMLVI 40mlAmb-NoPres-WT	SV8270PAHSIM 4ozAmb-NoPres	TS; V8260 4ozClr-NoPres	V8260TCL 40ml/NaHS04/Syr/MeOH	V8260TCL 40mlAmb-HCl	Rem./Contaminant	Sample # (lab only)
B-1 10:00 3-11-16	G	SS	7	3-10-16	8:25	5	X	X	X	PVS			-01
B-2 10:40 3-11-16	G	SS	12	3-10-16	8:55	5	X	X	X	PVS			-02
B-4 11:15 3-11-16	G	SS	3-4.5	3-10-16	10:08	5	X	X	X	PVS			-03
B-5 10-11.5 11:48	G	SS	11'	3-10-16	10:24	5	X	X	X				-04
B-6 12:57	G	SS	9'-10'	3-10-16	10:53	5	X	X	X	PVS			-05
B-7 1:59	G	SS	9-12.2	3-10-16	11:23	5	X	X	X	PVS			-06
B-8	G	~~SS~~ GW	5-6	3-10-16	1:15	5	X	X	X	X			-07
B-9	G	~~SS~~ GW	10-11'	3-10-16	1:45	5	X	X	X	X			-08
B-5	G	GW		3-11-16	12:13	5	X	X		X	X	Yes	-09
B-2	G	GW		3-11-16	2:29	5	X	X		X	X		-10

* Matrix: **SS** - Soil **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

Remarks:
B-9 GW 4:00 3-11-16

pH X PVS Temp _____
Flow _____ Other _____

Chain of Custody Page 1 of 1

ESC LAB SCIENCES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L823238
A222
Acctnum: LEADERPNY
Template: T110368
Prelogin: P545341
TSR: 064 - Terrie Fudge
PB: 3/7/16 DW
Shipped Via: FedEX 2nd Day

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Peter von Schondorf	3-11-16	5:00	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____
Temp: 3.2 °C Bottles Received: 50
Date: 3/12/16 Time: 9:00

Hold #
Condition: OK (lab use only) GOLD
COC Seal Intact: ___Y ___N ✓NA
pH Checked: NCF: X

Greg Dearmon

ESC Lab Sciences
Non-Conformance Form

Login #:L823238	Client:LEADERPNY	Date:03/11/16	Evaluated by:Greg D.

Non-Conformance (check applicable items)

	Sample Integrity		Chain of Custody Clarification		
	Parameter(s) past holding time		Login Clarification Needed		**If Broken Container:**
	Improper temperature		Chain of custody is incomplete		Insufficient packing material around container
	Improper container type		Please specify Metals requested.	x	Insufficient packing material inside cooler
	Improper preservation		Please specify TCLP requested.		Improper handling by carrier (FedEx / UPS / Courie
	Insufficient sample volume.		Received additional samples not listed on coc.		Sample was frozen
	Sample is biphasic.		Sample ids on containers do not match ids on coc		Container lid not intact
	Vials received with headspace.		Trip Blank not received.		**If no Chain of Custody:**
	Broken container		Client did not "X" analysis.		Received by:
x	Broken container:		Chain of Custody is missing		Date/Time:
	Sufficient sample remains				Temp./Cont. Rec./pH:
					Carrier:
					Tracking#

Login Comments:Receievd one vial for B-4 3-4.5 broken

Client informed by:		Call		Email		Voice Mail		Date:	Time:
TSR Initials:	Client Contact:								

Login Instructions:

Company Name/Address:
LEADER Prof. SVC.
~~84~~ 271 NARSH RD.
SUITE 2
Pittsford, NY, 14534

Billing Information:
Accounts Payable

Report to:
Peter VON SCHONDORF

Email To:
pvonschondorf@leaderlink

Project Description: Foodlink - FLINT ST.

City/State Collected: Rochester NY

Phone: 249-2413
Fax:

Client Project # 900001

Lab Project #

Collected by (print): PETER VON SCHONDORF

Site/Facility ID #

P.O. #

Collected by (signature): Peter von Schondorf

Immediately Packed on Ice N ____ Y X

Rush? (Lab MUST Be Notified)
____ Same Day 200%
____ Next Day 100%
____ Two Day 50%
____ Three Day 25%

Date Results Needed

Email? ___No __Yes
FAX? ___No ___Yes

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	SV 8270 PAH SIM	8260 TCL	8260 TCL NASO4 /Syr/Meoh							Rem./Contaminant	Sample # (lab only)
B-1	G	SS		3-10-16	10:00	6	✓	✓	✓								-01
B-2	G	SS		3-11-16	10:40	6	✓	✓	✓								-02
B-4	G	SS		3-11-16	11:15	6	✓	✓	✓								-03
B-5	G	SS		3-11-16	11:46	6	✓	✓	✓								-04
B-6	G	SS		3-11-16	12:57	6	✓	✓	✓								-05
B-7	G	SS		3-11-16	1:59	4	✓	✓	✓								-06
B-8	G	SS		3-11-16	1:15	1	✓	✓									-07
B-9	G	SS		3-11-16	1:45	1	✓	✓									-08
~~B-5~~	G	SS		3-11-16	12:13	5	✓	✓	✓		PVS 3-11-16						-09
B-2	G	SS		3-11-16	2:29	5	✓	✓	✓		PVS 3-11-16						___

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

ESC LAB SCIENCES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L # 823238

Table #

Acctnum:

Template:

Prelogin:

TSR:

PB:

Shipped Via:

* Matrix: **SS** - Soil **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Peter von Schondorf	3/11/16	5:00	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Ryan Jones

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____

Temp: 3.2 °C Bottles Received: 50

Date: 3/12/16 Time: 0900

Condition: (lab use only)
ok

COC Seal Intact: ____Y ____N ____NA

pH Checked: NCF:

Company Name/Address:
LEADER ENVIRONMENTAL
271 MARSH RD Suite 2
Pittsford, NY. 14534

Billing Information:
Accounts Payable

Report to:
Peter von Schondorf

Email To:
pvonSchondorf@leaderlink

Project Description: Foodlink Flint Street

City/State Collected: Rochester, N.Y.

Phone: 585-248-2413
Fax:

Client Project #
900.001

Lab Project #
LEADERPNY-FOODLINK

Collected by (print):
Pete von Schondorf

Site/Facility ID #

P.O. #

Collected by (signature):
Pete von Schondorf

Immediately Packed on Ice N ____ Y X

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed

Email? ___No ___Yes
FAX? ___No ___Yes

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

ESC LABS
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L #
Table #
Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	8260 TCL	PAH SIM LVI	Rem./Contaminant	Sample # (lab only)
B-2	G	GW		3-11-16	2:29	5	X	X		-10
B-5	G	GW		3-11-16	12:13	5	X	X		-09
B-9	G	GW		3-11-16	4:00	5	X	X		-11
TB Blank						1	X			12

* Matrix: **SS** - Soil **GW** - Groundwater **WW** - WasteWater **DW** - Drinking Water **OT** - Other_____

Remarks:

pH _____ Temp _____
Flow _____ Other _____

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Pete von Schondorf	3-11-16	5:00	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)
			Ryan Fary

Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☐ _____

Temp: 3.2 °C Bottles Received: 50

Date: 3/12/16 Time: 0900

Condition: JL (lab use only)

COC Seal Intact: ___Y ___N ___NA

pH Checked: NCF:

Torkelson Geochemistry, Inc.

Torkelson Geochemistry, Inc.

2529 S. Columbia Place
Tulsa, OK 74114-3233
Phone: 918-749-8441
Fax: 918-749-6035
e-mail: BTorkelson@torkelsongeochemistry.com

CHAIN-OF-CUSTODY RECORD

Project: FLINT ST. REDEVELOPMENT
Location: 22 FLINT ST. ROCHESTER NY
Proj. No.:
P.O.:
Sampled By: Pete vonSchondorf

Reported To: Knauf-Shaw LLP
Additional Instructions
Address: 1400 CROSSROADS BLDG
2 STATE ST.
ROCHESTER, N.Y. 14614
Phone: 585-546-8430
Fax:
e-mail: pvonschondorf@leadertink.com
Akraut@nixvenlaw.com

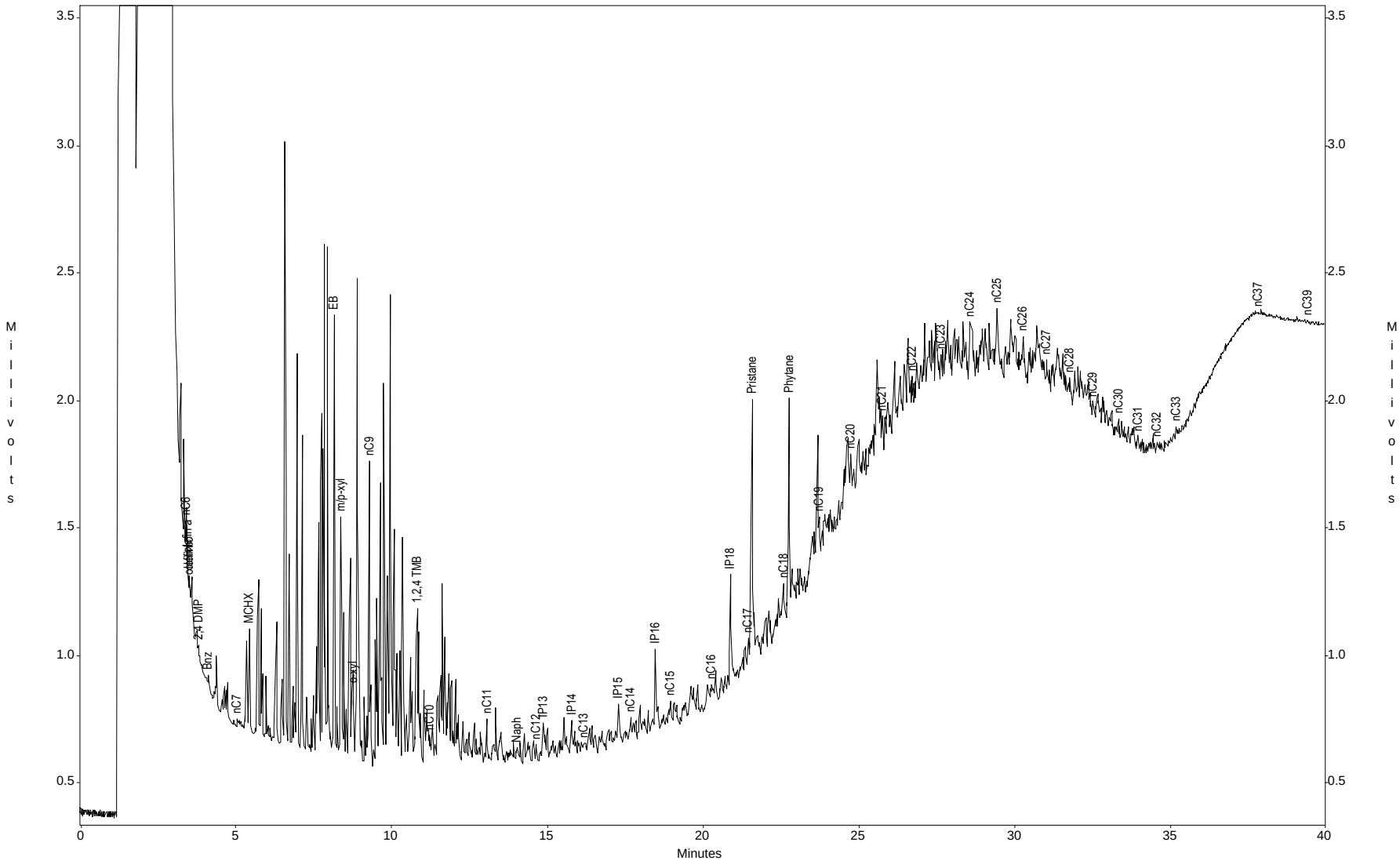
ITEM NO.	SAMPLE DESCRIPTION	DATE	MATRIX	LAB NO.	CONT. # OF JARS	PRESERVATIVES: None	PRESERVATIVES: ICE	ANALYSES REQUESTED: Oil Characterization	ANALYSES REQUESTED: Viscosity	ANALYSES REQUESTED: Viscosity	ANALYSES REQUESTED: Water Surface Tension	ANALYSES REQUESTED: Water Surface Tension	ANALYSES REQUESTED: Water Interfacial Tens.	ANALYSES REQUESTED: Lead	ANALYSES REQUESTED: Sulfur	REMARKS
1	B-1 7'	3/10/16	S		✓			X								Hydrocarbon Fingerprinting
2	B-6 9-10'	3/11/16	S		✓			X								" "
3	B-9 5-6'	3/11/16	S		✓			X								" "
4																
5																
6																
7																
8																
9																
10																

RELINQUISHED BY	DATE	TIME	ACCEPTED BY	DATE	TIME
Pete vonSchondorf	3-14-16	5:00	Brent Torkelson	3-15-16	0721

Torkelson Geochemistry, Inc.

Flint St. Redevelopment, 22 Flint St., Rochester, NY
Sample ID : B-1 7'
Acquired : Mar 29, 2016 10:28:40

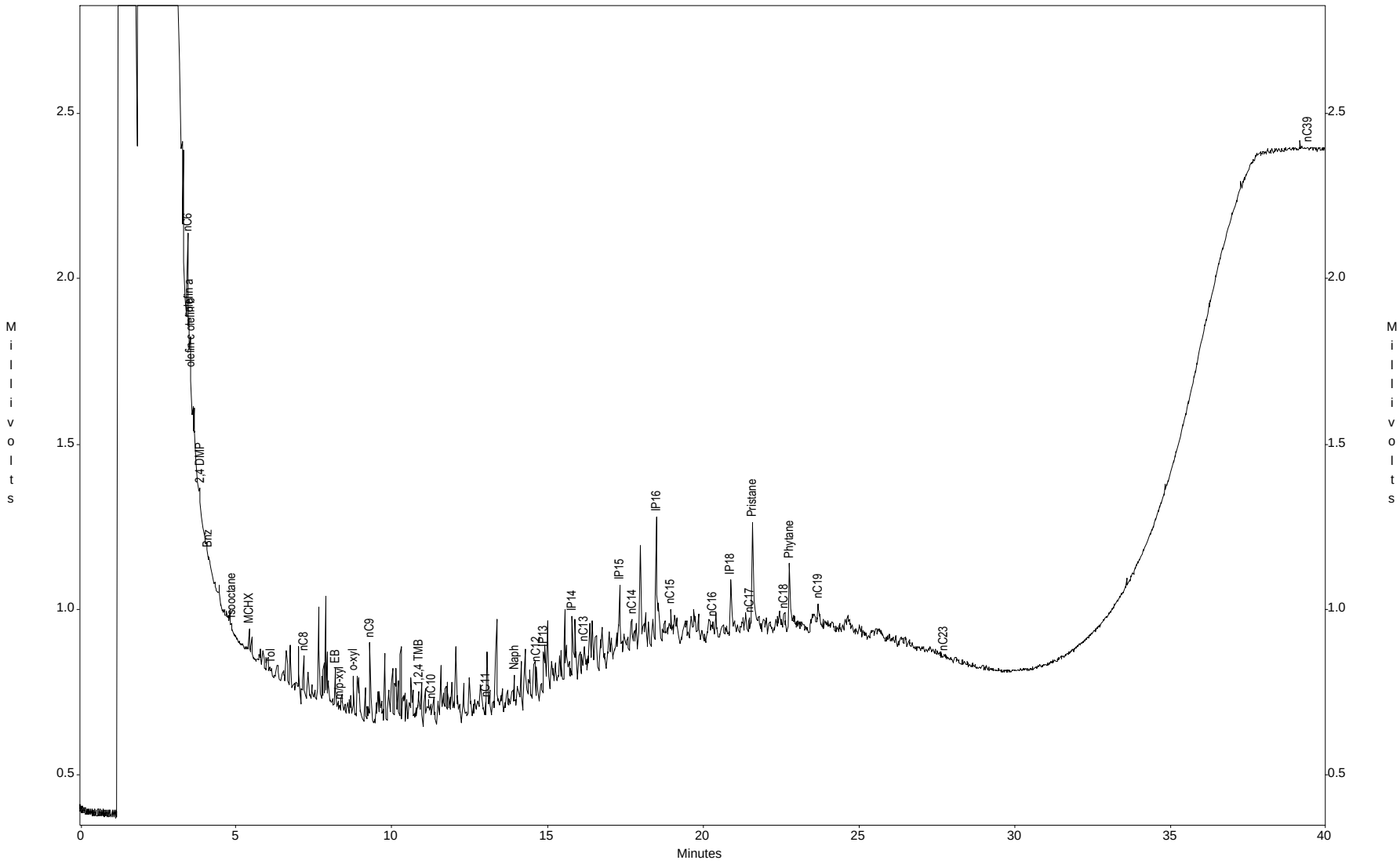
c:\ezchrom\chrom\16033\b-1-7.sl -- Channel A



Torkelson Geochemistry, Inc.

Flint St. Redevelopment, 22 Flint St., Rochester, NY
Sample ID : B-6 9-10'
Acquired : Mar 29, 2016 08:54:13

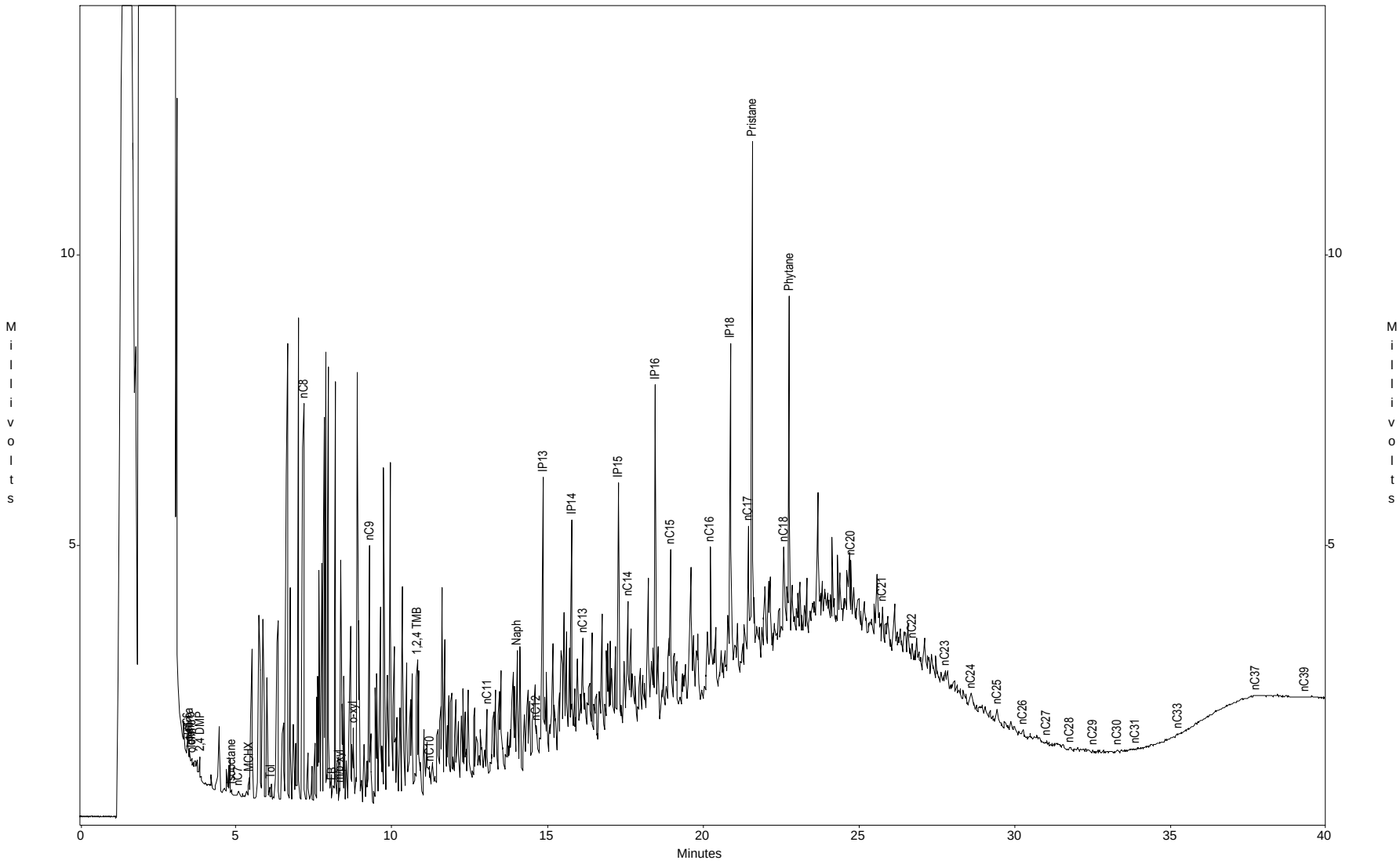
c:\ezchrom\chrom\16033\b-6-9-10.sl -- Channel A



Torkelson Geochemistry, Inc.

Flint St. Redevelopment, 22 Flint St., Rochester, NY
Sample ID : B-8 5-6'
Acquired : Mar 29, 2016 11:16:25

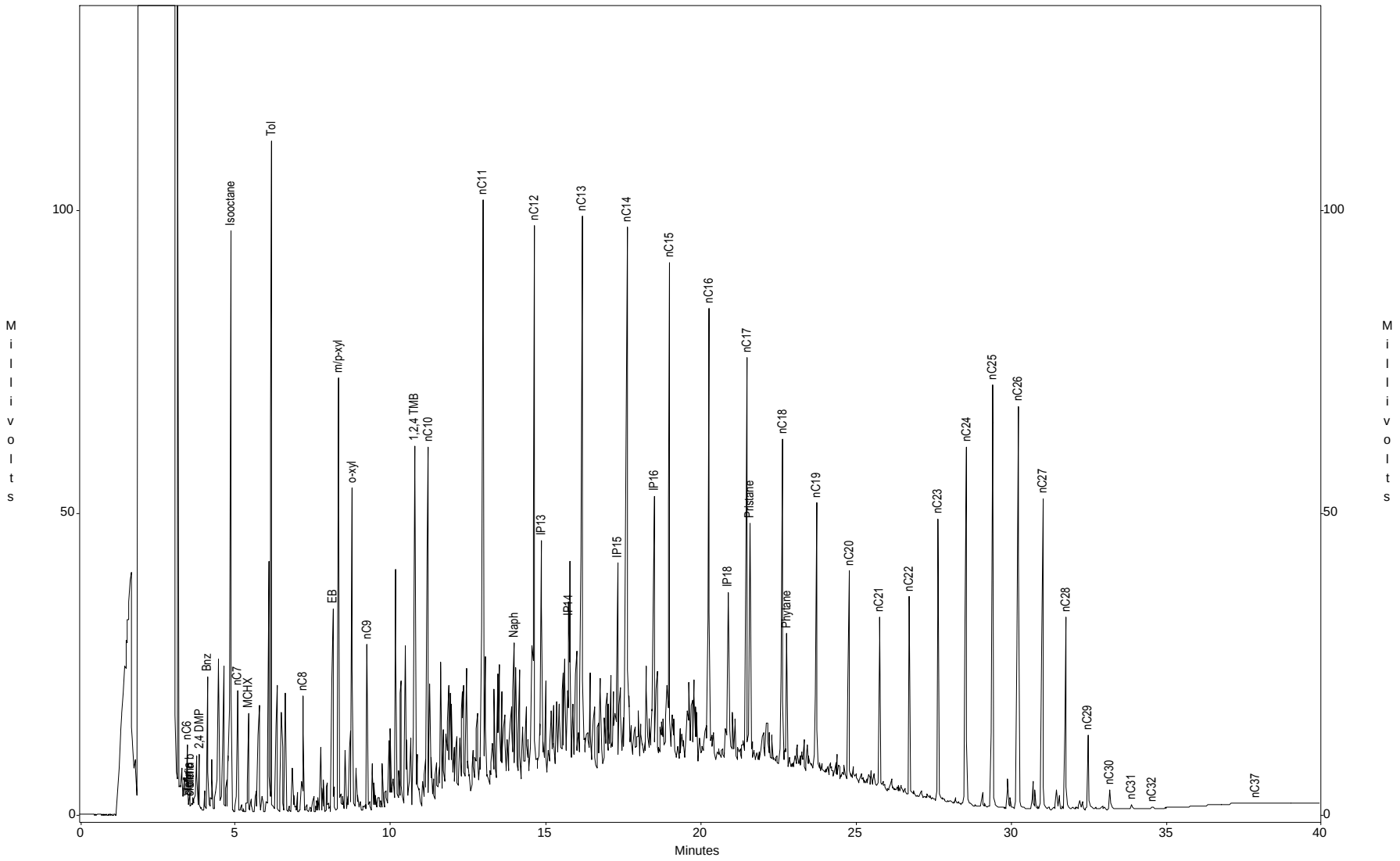
c:\ezchrom\chrom\16033\b-8-5-6.sl -- Channel A



Torkelson Geochemistry, Inc.

Flint St. Redevelopment, 22 Flint St., Rochester, NY
Sample ID : Gas/Diesel/Wax std
Acquired : Mar 29, 2016 12:04:00

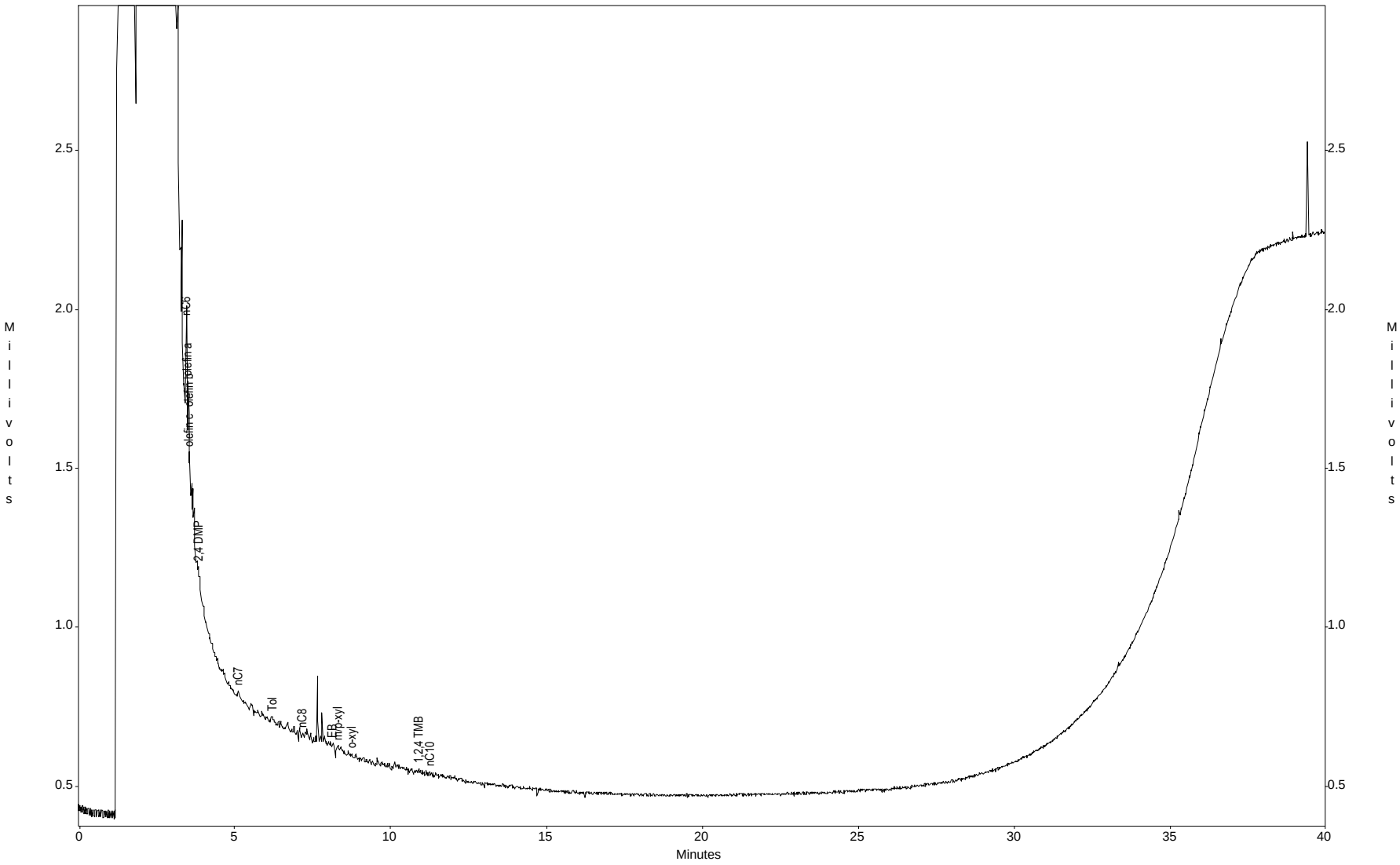
c:\ezchrom\chrom\16033\gadiwax.sl -- Channel A



Torkelson Geochemistry, Inc.

Flint St. Redevelopment, 22 Flint St., Rochester, NY
Sample ID : Blank
Acquired : Mar 29, 2016 09:41:29

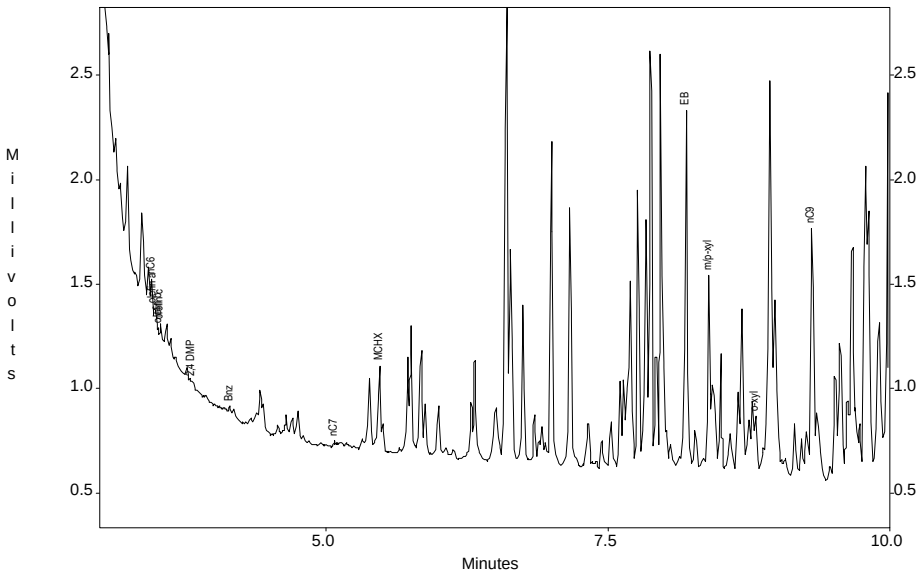
c:\ezchrom\chrom\16033\blanik.sl -- Channel A



Torkelson Geochemistry, Inc.

Flint St. Redevelopment, 22 Flint St., Rochester, NY
Sample ID : B-1 7'
Acquired : Mar 29, 2016 10:28:40

c:\ezchrom\chrom\16033\b-1-7.sl -- Channel A



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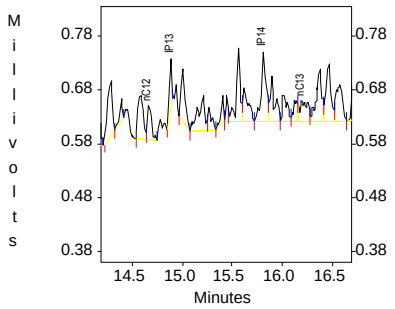

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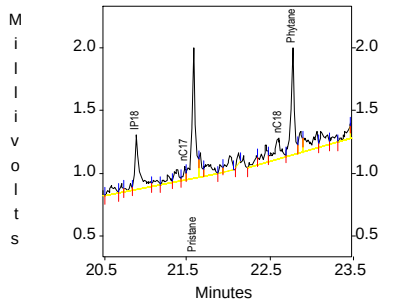

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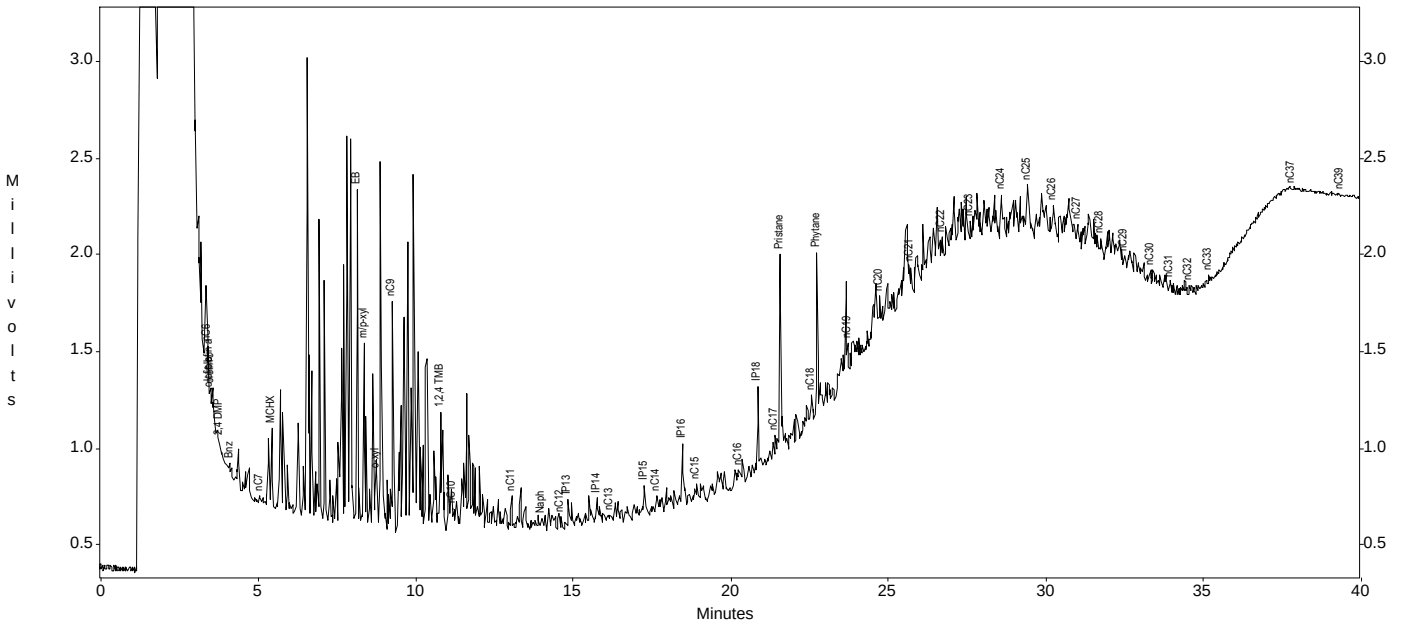


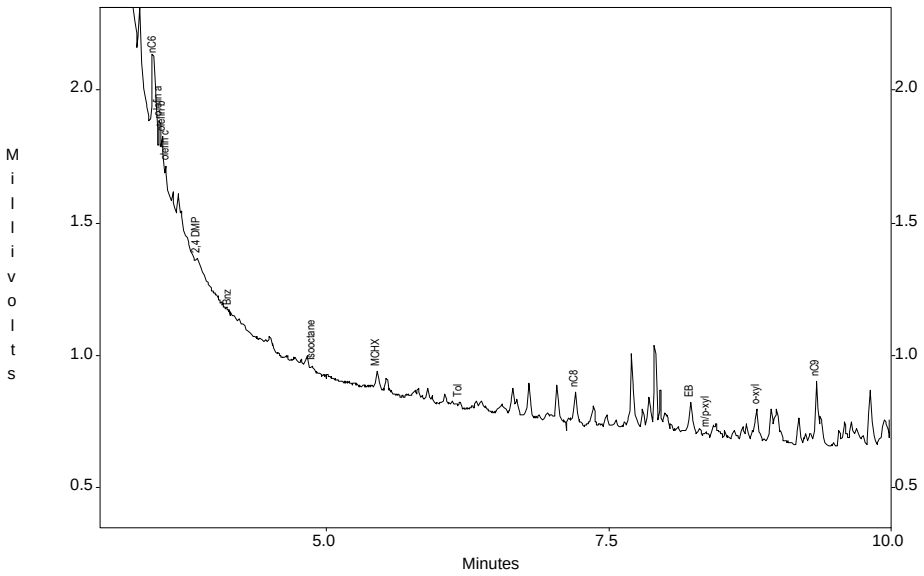
Channel A Results

Peak	Area	Height
nC6	190	179
olefin a	75	67
olefin b	12	20
olefin c	54	60
2,4 DMP	25	14
Bnz	72	46
Isooctane	0	0
nC7	79	31
MCHX	664	407
Tol	0	0
nC8	0	0
EB	2888	1732
m/p-xyl	1402	947
o-xyl	478	288
nC9	1991	1195
1,2,4 TMB	1428	598
nC10	206	107
nC11	529	174
Naph	336	61
nC12	190	62
IP13	166	102
IP14	427	130
nC13	229	38
IP15	539	156
nC14	195	67
IP16	843	329
nC15	444	103
nC16	509	81
IP18	1611	441
nC17	276	119
Pristane	2853	1042
nC18	910	163
Phytane	2420	861
nC19	533	212
nC20	1298	259
nC21	775	215
nC22	688	183
nC23	116	64
nC24	1186	224
nC25	1063	276
nC26	734	162
nC27	431	126
nC28	425	107
nC29	132	61
nC30	237	69
nC31	159	49
nC32	130	36
nC33	80	35
nC34	0	0
nC35	0	0
nC36	0	0
nC37	31	6
nC38	0	0
nC39	31	9
nC40	0	0

Torkelson Geochemistry, Inc.

Flint St. Redevelopment, 22 Flint St., Rochester, NY
Sample ID : B-6 9-10'
Acquired : Mar 29, 2016 08:54:13

c:\ezchrom\chrom\16033\b-6-9-10.sl -- Channel A



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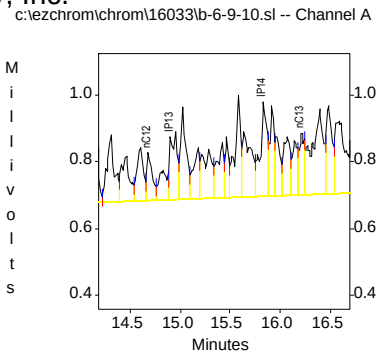

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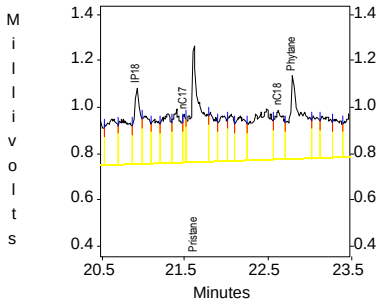

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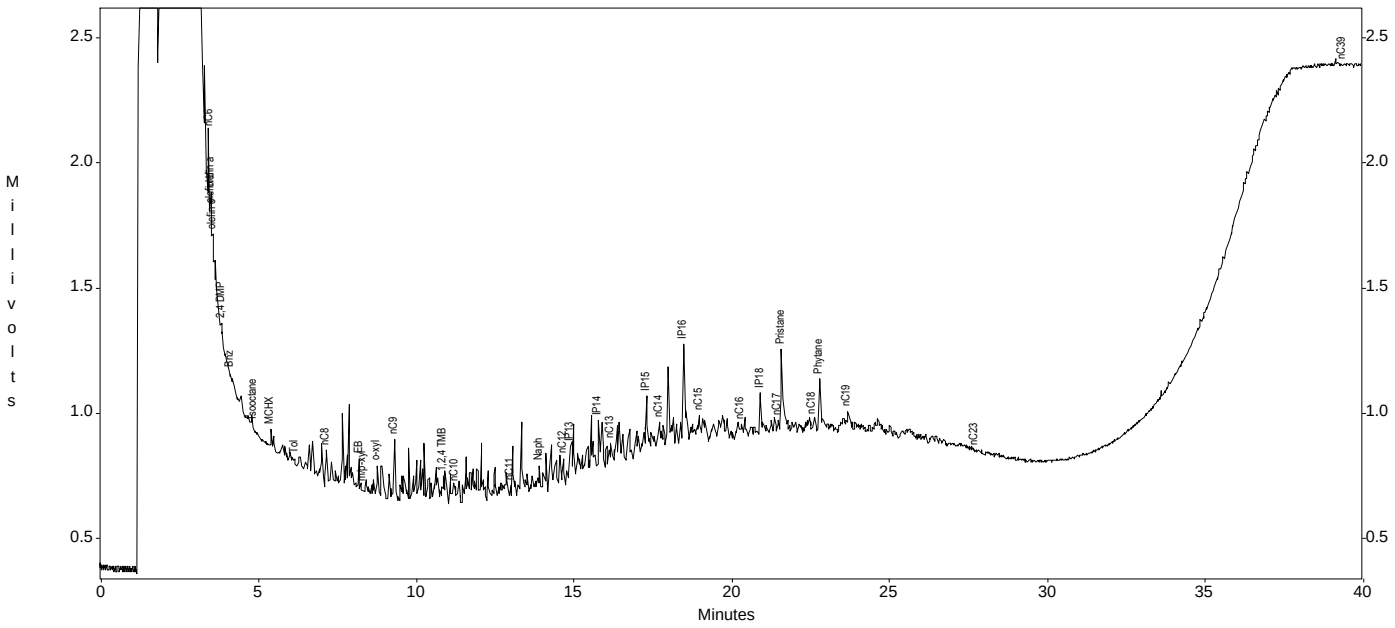


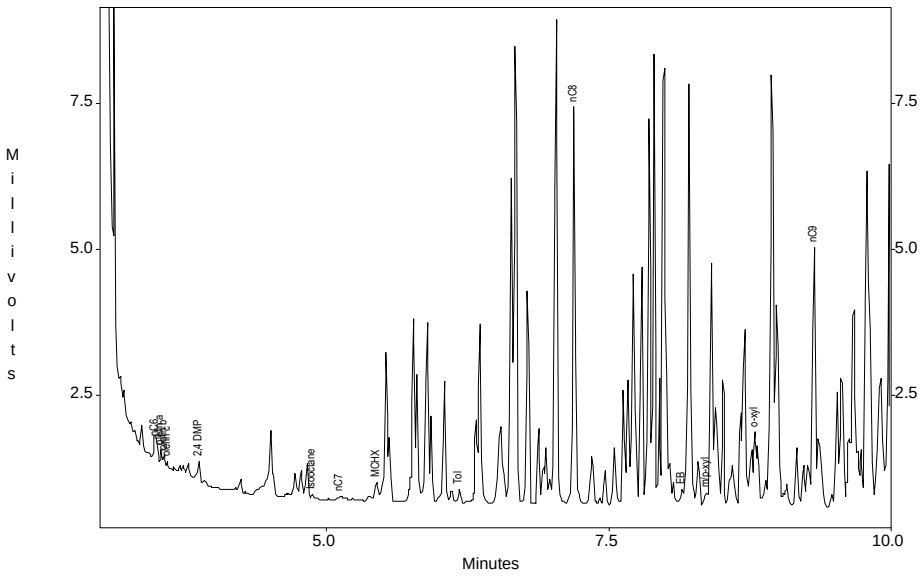
Channel A Results

Peak	Area	Height
nC6	323	307
olefin a	160	143
olefin b	129	121
olefin c	74	62
2,4 DMP	35	12
Bnz	13	4
Isooctane	30	18
nC7	0	0
MCHX	125	67
Tol	52	26
nC8	512	147
EB	421	134
m/p-xyl	72	26
o-xyl	354	127
nC9	410	241
1,2,4 TMB	549	106
nC10	134	66
nC11	101	54
Naph	489	125
nC12	583	143
IP13	1005	187
IP14	1314	281
nC13	621	186
IP15	2503	361
nC14	1702	253
IP16	2082	554
nC15	2895	264
nC16	1527	212
IP18	1745	333
nC17	637	213
Pristane	4271	498
nC18	1807	211
Phytane	3767	362
nC19	2225	225
nC20	0	0
nC21	0	0
nC22	0	0
nC23	308	24
nC24	0	0
nC25	0	0
nC26	0	0
nC27	0	0
nC28	0	0
nC29	0	0
nC30	0	0
nC31	0	0
nC32	0	0
nC33	0	0
nC34	0	0
nC35	0	0
nC36	0	0
nC37	0	0
nC38	0	0
nC39	33	7
nC40	0	0

Torkelson Geochemistry, Inc.

Flint St. Redevelopment, 22 Flint St., Rochester, NY
Sample ID : B-8 5-6'
Acquired : Mar 29, 2016 11:16:25

c:\ezchrom\chrom\16033\b-8-5-6.sl -- Channel A



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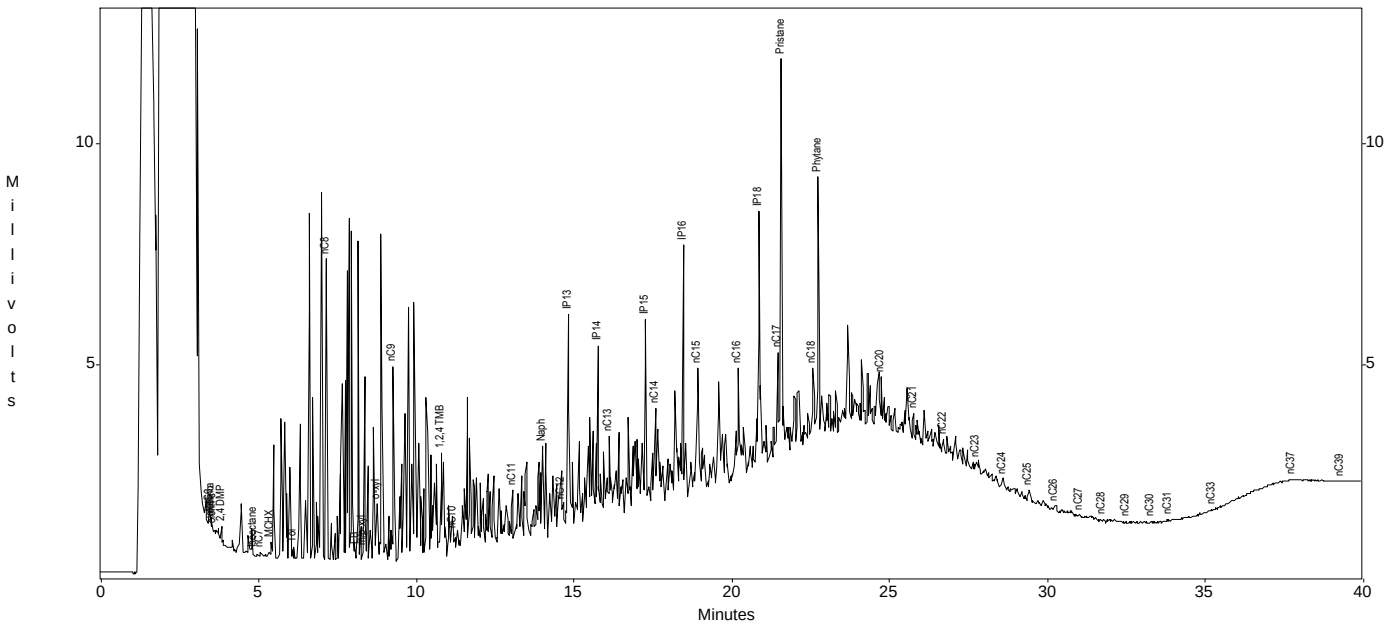

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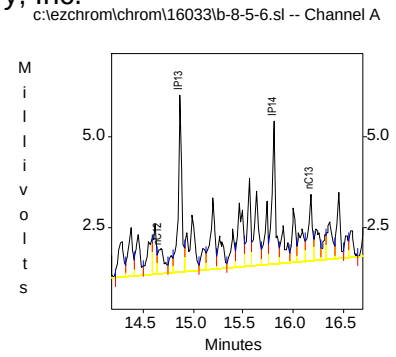

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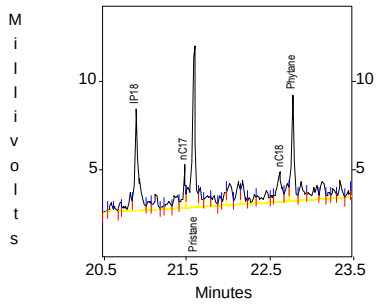


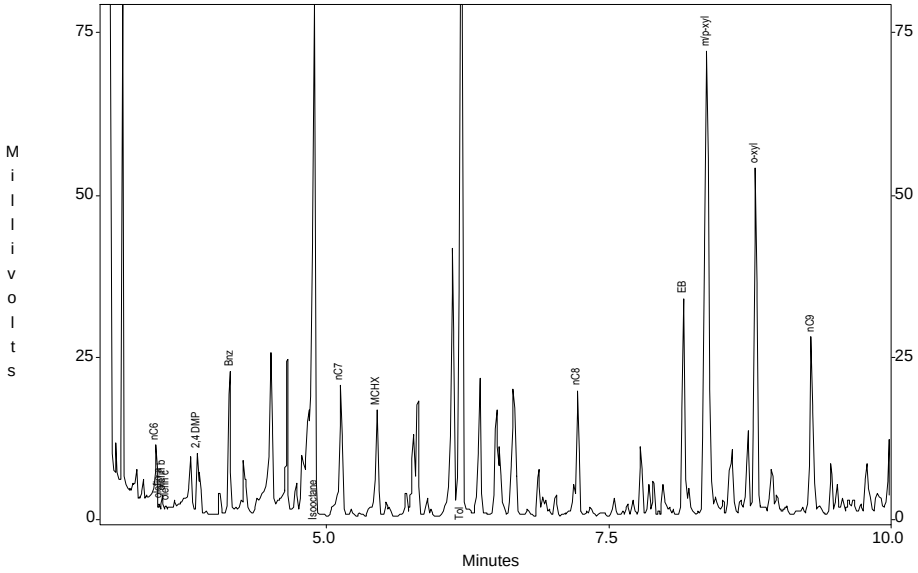
Channel A Results

Peak	Area	Height
nC6	280	319
olefin a	211	217
olefin b	180	173
olefin c	73	78
2,4 DMP	511	330
Bnz	0	0
Isooctane	96	74
nC7	302	79
MCHX	664	336
Tol	352	236
nC8	10240	6812
EB	460	249
m/p-xyl	344	199
o-xyl	971	546
nC9	7267	4414
1,2,4 TMB	5190	2337
nC10	985	448
nC11	1986	1026
Naph	8248	2076
nC12	2876	673
IP13	11123	4906
IP14	9005	3967
nC13	5059	1848
IP15	8948	4232
nC14	6612	2129
IP16	10314	5350
nC15	7647	2822
nC16	8161	2494
IP18	17192	5709
nC17	5405	2405
Pristane	23336	8992
nC18	6789	1698
Phytane	14247	5973
nC19	0	0
nC20	2962	1241
nC21	3393	773
nC22	2741	470
nC23	1559	330
nC24	525	237
nC25	1406	260
nC26	679	119
nC27	149	78
nC28	202	48
nC29	94	49
nC30	102	28
nC31	31	13
nC32	0	0
nC33	69	20
nC34	0	0
nC35	0	0
nC36	0	0
nC37	460	19
nC38	0	0
nC39	89	13
nC40	0	0

Torkelson Geochemistry, Inc.

Flint St. Redevelopment, 22 Flint St., Rochester, NY
Sample ID : Gas/Diesel/Wax std
Acquired : Mar 29, 2016 12:04:00

c:\ezchrom\chrom\16033\gadiwax.sl -- Channel A



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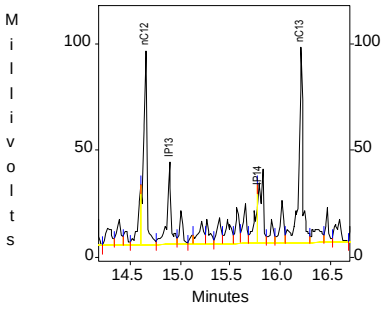
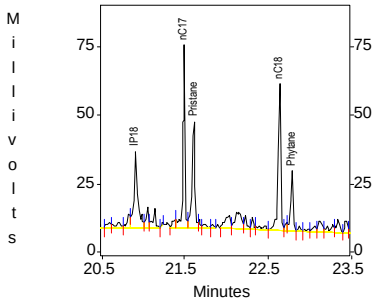
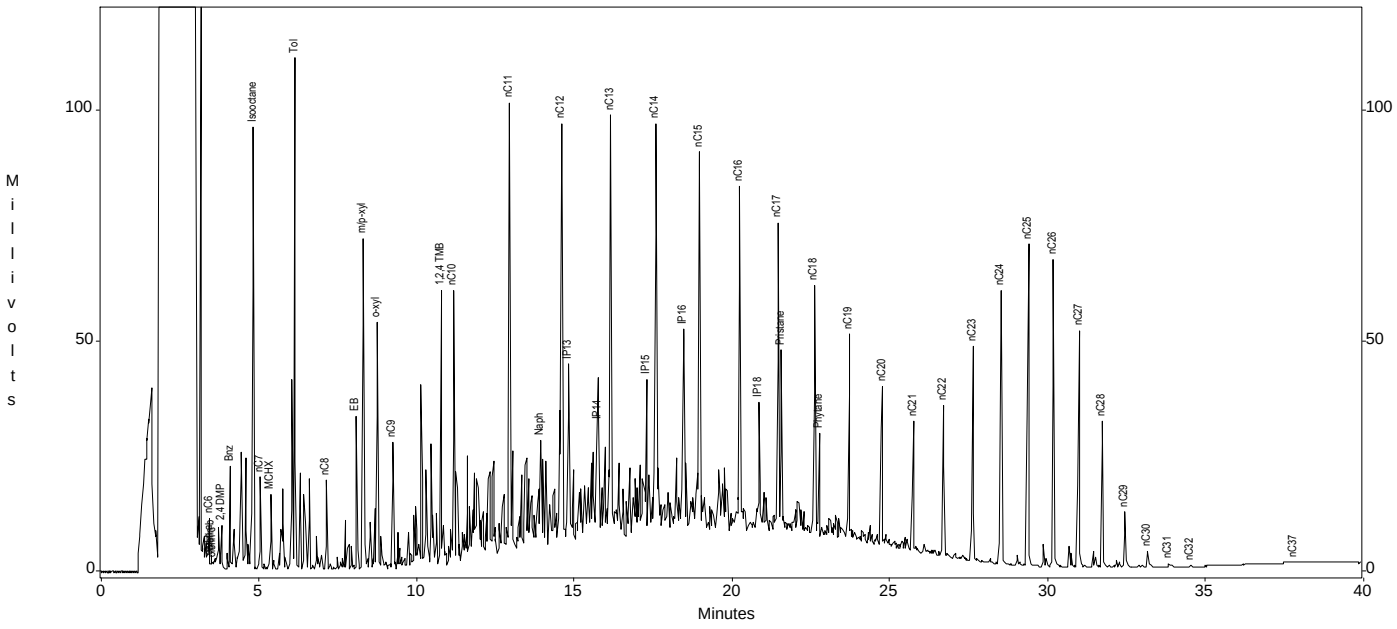


c:\ezchrom\chrom\16033\gadiwax.sl -- Channel A



c:\ezchrom\chrom\16033\gadiwax.sl -- Channel A



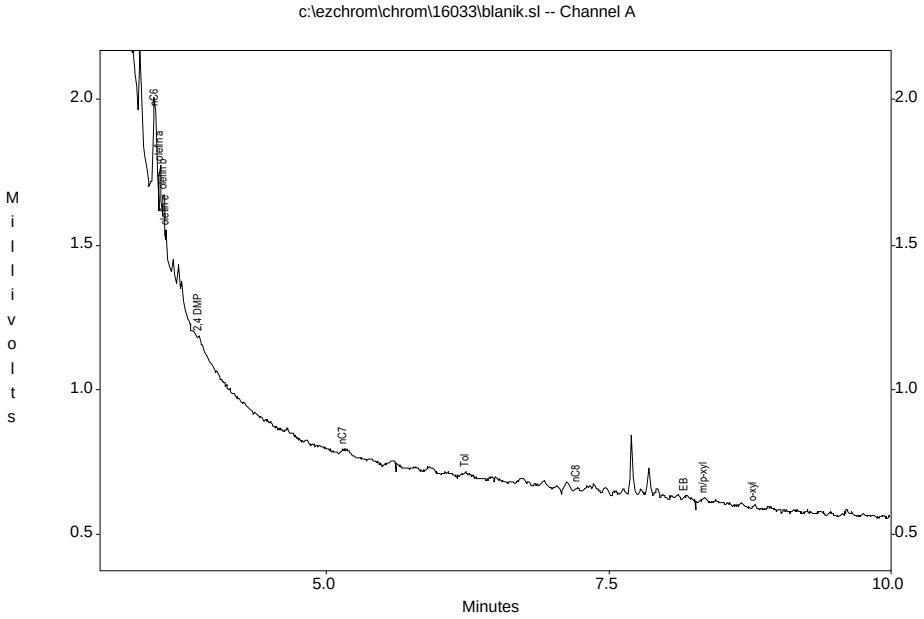
Channel A Results

Peak	Area	Height
nC6	14001	9579
olefin a	474	631
olefin b	1689	2144
olefin c	414	476
2,4 DMP	9101	9061
Bnz	26621	22145
Isooctane	148322	96000
nC7	28785	19917
MCHX	26458	16251
Tol	188046	110885
nC8	27058	19196
EB	49768	33257
m/p-xyl	138991	71305
o-xyl	82931	52445
nC9	51520	27459
1,2,4 TMB	119160	59329
nC10	100320	58991
nC11	228596	95806
Naph	44227	22446
nC12	222745	91130
IP13	107070	38859
IP14	83531	24973
nC13	276591	91651
IP15	68556	33117
nC14	251252	88204
IP16	102611	42730
nC15	184788	80103
nC16	190991	74715
IP18	91867	27811
nC17	140963	66227
Pristane	89182	38906
nC18	114802	53898
Phytane	49263	22091
nC19	105750	44584
nC20	72198	34702
nC21	55429	28361
nC22	64915	32723
nC23	103408	46489
nC24	154277	59172
nC25	179497	69889
nC26	176748	66582
nC27	125602	51378
nC28	69953	31729
nC29	31742	12177
nC30	11565	3344
nC31	1806	645
nC32	383	111
nC33	0	0
nC34	0	0
nC35	0	0
nC36	0	0
nC37	1224	18
nC38	0	0
nC39	0	0
nC40	0	0

Torkelson Geochemistry, Inc.

Flint St. Redevelopment, 22 Flint St., Rochester, NY
Sample ID : Blank
Acquired : Mar 29, 2016 09:41:29

c:\ezchrom\chrom\16033\blanik.sl -- Channel A



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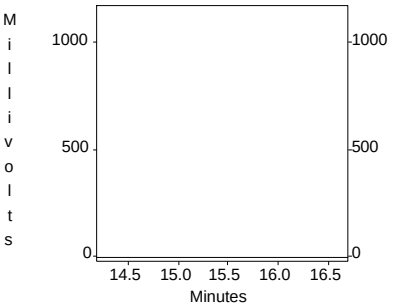

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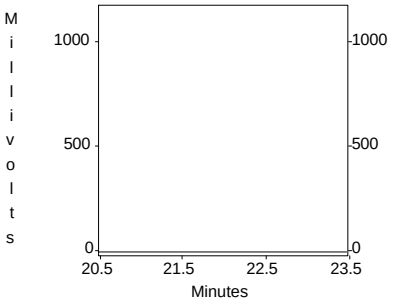

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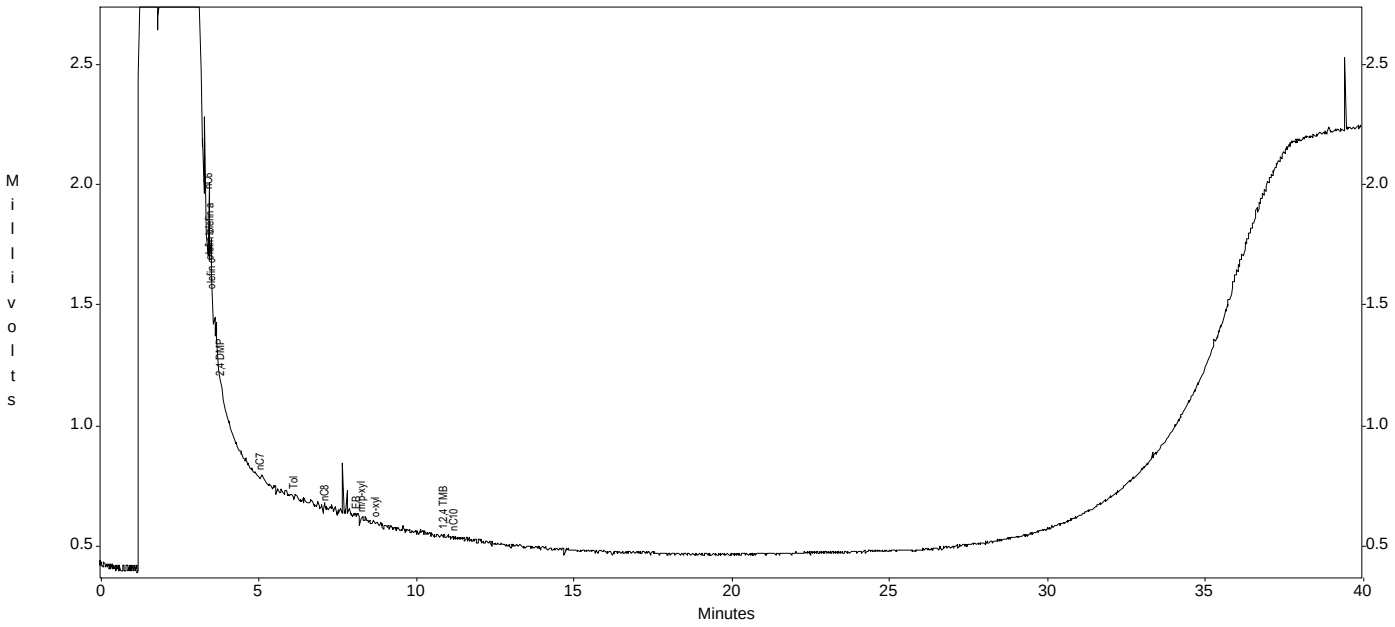

Channel A Results

Peak	Area	Height
nC6	389	336
olefin a	252	228
olefin b	182	167
olefin c	95	89
2,4 DMP	53	31
Bnz	0	0
Isooctane	0	0
nC7	82	18
MCHX	0	0
Tol	132	23
nC8	117	31
EB	249	44
m/p-xyl	212	40
o-xyl	124	25
nC9	0	0
1,2,4 TMB	47	19
nC10	45	19
nC11	0	0
Naph	0	0
nC12	0	0
IP13	0	0
IP14	0	0
nC13	0	0
IP15	0	0
nC14	0	0
IP16	0	0
nC15	0	0
nC16	0	0
IP18	0	0
nC17	0	0
Pristane	0	0
nC18	0	0
Phytane	0	0
nC19	0	0
nC20	0	0
nC21	0	0
nC22	0	0
nC23	0	0
nC24	0	0
nC25	0	0
nC26	0	0
nC27	0	0
nC28	0	0
nC29	0	0
nC30	0	0
nC31	0	0
nC32	0	0
nC33	0	0
nC34	0	0
nC35	0	0
nC36	0	0
nC37	0	0
nC38	0	0
nC39	0	0
nC40	0	0

Boring Logs

LEADER PROFESSIONAL SERVICES

Environmental Engineers & Scientists

BORING #: B-1
Page 1 of 1
Permit #:
Job #:

LOG OF BORING

Project: Flint St. Redevelopment
Location: 22 Flint Street, Rochester, NY
Date Drilled: 3/11/2016
Drilling Co.: J. Agar
Total Depth: 7.4 ft.
Method Used: Geoprobe
Inspector: P. von Schondorf
Organic Vapor Inst: Mini Rae 3000
Water elv:

Depth (feet)	Sample No.	Blows/6" 140 lbs.	Sample Inter.	Adv/Rec (feet)	Org. Vap (ppm)	Sample Description	Unified Class.	Permeability
						Asphalt surface		
2						Brick and possible ash fill, some soil.	Fill	
4	1	Push	0-4 ft.	2.5 ft.	17	Gray, tan Silt, some sand to 3.75 ft. gray clay.	ML CL	
6								
8	2	Push	4-8 ft.	2.5	249	Gray, Clay, little silt, sheen on soil @7.8 ft. Red/brown, gray c. Sand, gravel and clay/silt.	CL SP	
						Refusal at 7.8 ft.		

LEADER PROFESSIONAL SERVICES

Environmental Engineers & Scientists

BORING # B-2
Page 1 of 1
Permit #:
Job #:

LOG OF BORING

Project Flint St. Redevelopment
Location 22 Flint Street
Date Drilled 3/11/2016
Drilling Co.: Jim Agar
Total Depth 11.8 ft.
Method Used: Geoprobe
Inspector
Organic Vapor Inst: Mini Rae 3000
Water elv:

Depth (feet)	Sample No.	Blows/6" 140 lbs.	Sample Inter.	Adv/Rec (feet)	Org. Vap (ppm)	Sample Description	Unified Class.	Permeability
						Asphalt surface.		
4	1	Push	0 - 4 ft	2	1	Fill, Gravel and brown sand, some cinders. Dry.	Fill	
6								
						Fill to 7 ft. Brick, cinder, sand and gravel.	Filll	
8	2	Push	4 - 8 ft	2	<1	Gray Clay, plastic, Petrol. Odor sheen on sample.	CL	
10								
12	3	Push	8 - 12 ft	3	7.5	Layered Gray Clay, silt and fine sand. Wet. Sheen, petrol odor.	CL	
	4	Push	12 - 12.4 ft	0.5		Refusal at 12. 4 possible till soil.	CL	

LEADER PROFESSIONAL SERVICES

Environmental Engineers & Scientists

LOG OF BORING

BORING # B-3
Page 1 of 1
Permit #:
Job #:

Project Flint St. Redevelopment
Location 22 Flint Street, Rochester, NY
Date Drilled 3/10/2016
Drilling Co.: J. Agar
Total Depth 8 ft.
Method Used: Geoprobe
Inspector P. von Schondorf
Organic Vapor Inst: Mini Rae 3000
Water elv:

Depth (feet)	Sample No.	Blows/6" 140 lbs.	Sample Inter.	Adv/Rec (feet)	Org. Vap (ppm)	Sample Description	Unified Class.	Permeability
2						Asphalt surface Brick, concrete rubble, and possible ash, soil. Oil staining. To 3 ft.	Fill	
4	1	Push	0-4 ft.	2.5 ft.	6.5	Gray, Clay and silt.	ML/CL	
6								
8	2	Push	4-8 ft.	2.5	11.6	Gray Silt, little clay and silt. Moist. Petroleum odor. @7.8 Large gravel Refusal at 8 ft.	ML	

LEADER PROFESSIONAL SERVICES

Environmental Engineers & Scientists

LOG OF BORING

BORING #: B-4
Page 1 of 1
Permit #:
Job #:
Water elv:

Project: Flint St. Redevelopment
Location: 22 Flint Street, Rochester, NY
Date Drilled: 3/10/2016
Drilling Co.: J. Agar
Total Depth: 4.5 ft.
Method Used: Geoprobe
Inspector: P. von Schondorf
Organic Vapor Inst: Mini Rae 3000

Depth (feet)	Sample No.	Blows/6" 140 lbs.	Sample Inter.	Adv/Rec (feet)	Org. Vap (ppm)	Sample Description	Unified Class.	Permeability
						Asphalt surface		
2						Misc. Fill, brick, soil, possible ash, to 3 ft., dry.	Fill	
						Orange-gray mottle Sand and silt to 3.5 ft.	SM	
4	1	Push	0-4 ft.	3	5	Gray, Clay, plastic, wet.	CL	
					7.5	Gray Silt and gravel. Wet.	SM	
6						Refusal at 4.5 ft.		
8	2	Push	4-4.5 ft.	.5				

LEADER PROFESSIONAL SERVICES

Environmental Engineers & Scientists

BORING #: B-5
Page 1 of 1
Permit #:
Job #:

LOG OF BORING

Project: Flint Street Redevelopment
Location: 22 Flint Street, Rochester, NY
Date Drilled: 3/11/2016
Drilling Co.: Jim Agar
Total Depth: 11.5 ft.
Method Used: Geoprobe
Inspector: P. von Schondorf
Organic Vapor Inst: Mini Rae 3000
Water elv:

Depth (feet)	Sample No.	Blows/6" 140 lbs.	Sample Inter.	Adv/Rec (feet)	Org. Vap (ppm)	Sample Description	Unified Class.	Permeability
						Asphalt surface		
						Brown Sand and gravel to 2 ft.		
4	1	Push	0-4 ft.	3	0.7	Black-gray cinder ash, and brick Petroleum odor.		
8	2	Push	4-8 ft.	2	92	Gray Clay ti 7.4 ft. plastic, wet. Petroleum odor.		
						Gray Clay and silt to 9 ft. Stained.		
						Gray Sand-silt, stained to 10 ft.		
12	3	Push	8-11.5 ft.	3	7.5	Gray Sand and gravel to 11.5 ft. Refusal. Wet.		

LEADER PROFESSIONAL SERVICES

Environmental Engineers & Scientists

LOG OF BORING

BORING # B-6
Page 1 of 1
Permit #:
Job #:

Project Flint St. Redevelopment
Location 22 Flint Street, Rochester, NY
Date Drilled 3/11/2016
Drilling Co.: J. Agar
Total Depth 11 ft.
Method Used: Geoprobe
Inspector P. von Schondorf
Organic Vapor Inst: Mini Rae 3000
Water elv:

Depth (feet)	Sample No.	Blows/6" 140 lbs.	Sample Inter.	Adv/Rec (feet)	Org. Vap (ppm)	Sample Description	Unified Class.	Permeability
						Asphalt surface		
2						Brick, concrete rubble, and possible ash, soil.		
4	1	Push	0-4 ft.	3	<1	Fill, brick, sand and gravel.	Fill	
					234	Fill to 4.5 ft.		
6						Gray Clay, soft, strong odor	CL	
8	2	Push	4-8 ft.	3	98	Gray Clay with increasing silt and sand.	CL	
					54		CL	
12	3	Push	8 - 11 ft.	2		@11 .4 'well log'!ft. Refusal, Clay and gra	CL/GM	

LEADER PROFESSIONAL SERVICES

Environmental Engineers & Scientists

LOG OF BORING

BORING #: B-7
Page 1 of 1
Permit #:
Job #:

Project: Flint Street Redevelopment
Location: 22 Flint Street, Rochester, NY
Date Drilled: 3/11/2016
Drilling Co.: Jim Agar
Total Depth: 12.2 ft.
Method Used: Geoprobe
Inspector: P. von Schondorf
Organic Vapor Inst: Mini Rae 3000
Water elv:

Depth (feet)	Sample No.	Blows/6" 140 lbs.	Sample Inter.	Adv/Rec (feet)	Org. Vap (ppm)	Sample Description	Unified Class.	Permeability
						Asphalt surface		
4	1	Push	0-4 ft.	2.5	0.7	Fill Brick, sand, ash and cinder to 3 ft. Gray Silt and clay, sheen, poss. free product.		
8	2	Push	4-8 ft.	2	<1	Brown Clay, soft, plastic. Slight odor.		
						Brown - gray Cllay to 10 ft. Wet		
12	3	Push	8-12.2 ft.	3	<5	Gray Sand some clay dense. 12.2 ft. Gray Red till, clay, sand and gravel		

LEADER PROFESSIONAL SERVICES

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LOG OF BORING

BORING # B-8
Page 1 of 1
Permit #:
Job #:
Water elv:

Project Flint St. Redevelopment
Location 22 Flint Street, Rochester, NY
Date Drilled 3/11/2016
Drilling Co.: J. Agar
Total Depth 8 ft.
Method Used: Geoprobe
Inspector P. von Schondorf
Organic Vapor Inst: Mini Rae 3000

Depth (feet)	Sample No.	Blows/6" 140 lbs.	Sample Inter.	Adv/Rec (feet)	Org. Vap (ppm)	Sample Description	Unified Class.	Permeability
						Grass and fill soil		
2						Gray Clay to 1 ft.	CL	
					39			
4	1	Push	0-4 ft.	3	38	Black Clay and cinder to 4 ft.	CL	
					121	Clay, soft, plastic to 5 ft.		
6					24	Clay and silt, dense.	CL/ML	
8	2	Push	4-8 ft.	3	24	Clay and gravel possible Till Refusal at 8.2 ft.	CL/GM	

LEADER PROFESSIONAL SERVICES

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LOG OF BORING

BORING # B-9
Page 1 of 1
Permit #:
Job #:

Project Flint Street Redevelopment Location 22 Flint Street, Rochester, NY
Date Drilled 3/10/2016 Drilling Co.: Jim Agar
Total Depth 12 ft. Method Used: Geoprobe
Inspector P. von Schondorf Organic Vapor Inst: Mini Rae 3000 Water elv:

Depth (feet)	Sample No.	Blows/6" 140 lbs.	Sample Inter.	Adv/Rec (feet)	Org. Vap (ppm)	Sample Description	Unified Class.	Permeability
						Grass and fill		
4	1	Push	0-4 ft.	2	0	Fill, brick, soil, coal and cinders.		
8	2	Push	4-8 ft.	1.5	0	Brick and cinders to 7.5 ft. Brown gravel, sand and silt, wet.		
12	3	Push	8-12 ft.	3	10	Brown Silt and gravel, dense. Wet Refusal at 12 ft.		

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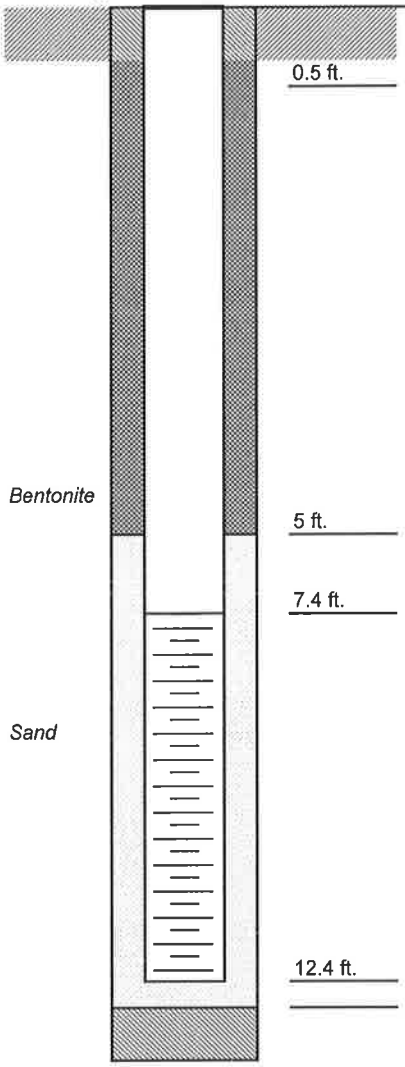
WELL CONSTRUCTION SUMMARY

Project: Flint St. Redevelopment Location: 22 Flint St. Well No.: B-2
Permit No.:

TOC elev.: -

TOC elev.:



DRILLING SUMMARY

Drilling Company: J. Agar Drillers:
Drill Rig/Model: Geoprobe
Borehole Diameters: 2-in Drilling Fluid: None
Bits/Depths: 0-12.4 ft
Total Depth: 12.4 ft. Depth To Water: 7 ft.
Supervisor Geologist:

WELL DESIGN

Casing Material:	PVC	Diameter:	1-in.
Screen Size:	5 ft	Diameter:	1-in.
Slot Size:	0.01	Setting:	7.4 - 12.4 ft.
Backfill	Sand	Setting:	5 - 12.4 ft.
Filter Material:		Setting:	
Seals Material:	Bentonite	Setting:	0.5 - 5 ft.
Sand Cap		Setting:	
Grout:		Setting:	
Surface Casing Material:	Roadbox	Setting:	0 - 1 ft.

TIME LOG

	Started	Completed
Drilling:	10-Mar-16	10-Mar-16
Installation:	10-Mar-16	10-Mar-16
Development:	10-Mar-16	10-Mar-16

WELL DEVELOPMENT

Method: Bailing
Static Depth to Water: 7.7 ft.
Pumping Depth To Water: Not recorded
Pumping Rate: N/A Spec. Capacity:
Volume Pumped: 3 gallons

LEADER PROFESSIONAL SERVICES

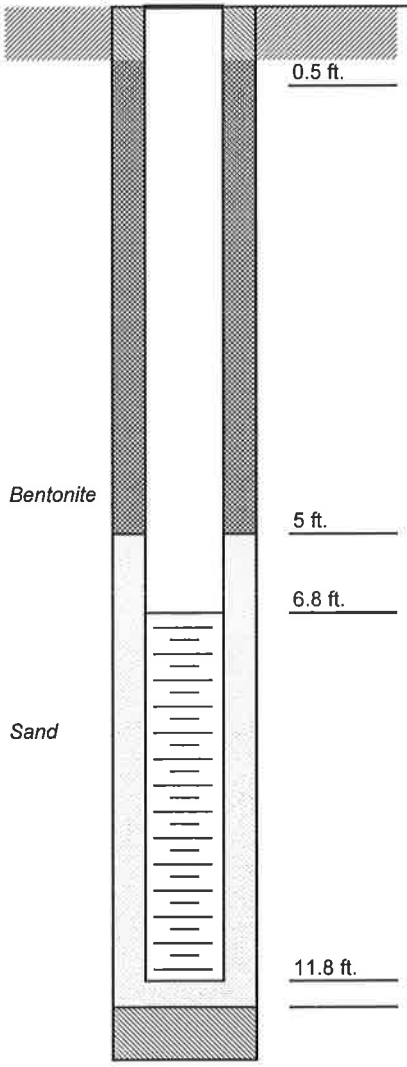
Environmental Engineers & Scientists

WELL CONSTRUCTION SUMMARY

Project: Flint St. Redevelopment Location: 15 Flint Street Well No.: B-5
Permit No.:

TOC elev.: -

TOC elev.:



DRILLING SUMMARY

Drilling Company: J. Agar Drillers:
Drill Rig/Model: Geoprobe
Borehole Diameters: 2-in. Drilling Fluid:
Bits/Depths: 0 - 11.5 ft.
Total Depth: 11.5 ft. Depth To Water: 7 ft.
Supervisor Geologist:

WELL DESIGN

Casing Material:	PVC	Diameter:	2 in.
Screen Size:	PVC	Diameter:	2-in.
Slot Size:	0.01	Setting:	6.8 - ft.11.8
Backfill		Setting:	
Filter Material:	Sand	Setting:	5 to 11.8 ft
Seals Material:	Bentonite chips	Setting:	3 to 5 ft.
Sand Cap		Setting:	
Grout:		Setting:	
Surface Casing Material:	Road box	Setting:	

TIME LOG

	Started	Completed
Drilling:	10-Mar-16	10-Mar-16
Installation:	10-Mar-16	10-Mar-16
Development:	10-Mar-16	10-Mar-16

WELL DEVELOPMENT

Method: Bailing
Static Depth to Water: 7.7 ft.
Pumping Depth To Water:
Pumping Rate: Spec. Capacity:
Volume Pumped: 2 gal.

LEADER PROFESSIONAL SERVICES

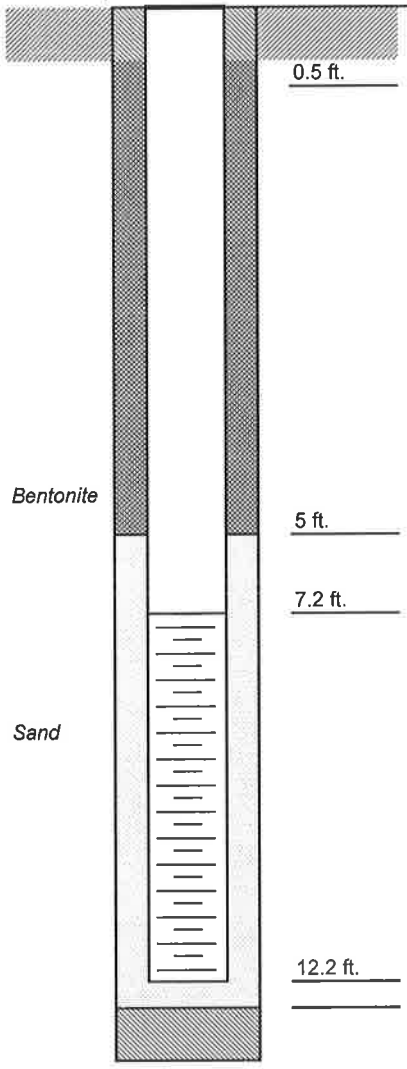
Environmental Engineers & Scientists

WELL CONSTRUCTION SUMMARY

Project: Flint St. Redevelopment Location: 15 Flint Street Well No.: B-7
Permit No.:

TOC elev.: -

TOC elev.:



DRILLING SUMMARY

Drilling Company: J. Agar Drillers:
Drill Rig/Model: Geoprobe
Borehole Diameters: 2-in. Drilling Fluid:
Bits/Depths: 0 - 11.5 ft.
Total Depth: 11.5 ft. Depth To Water: 7 ft.
Supervisor Geologist:

WELL DESIGN

Casing Material:	PVC	Diameter:	2 in.
Screen Size:	PVC	Diameter:	2-in.
Slot Size:	0.01	Setting:	7.2 to 12.2 ft.
Backfill		Setting:	
Filter Material:	Sand	Setting:	5 to 12.2 ft
Seals Material:	Bentonite chips	Setting:	.5 to 5 ft.
Sand Cap		Setting:	
Grout:		Setting:	
Surface Casing Material:	Road box	Setting:	

TIME LOG

	Started	Completed
Drilling:	10-Mar-16	10-Mar-16
Installation:	10-Mar-16	10-Mar-16
Development:	10-Mar-16	10-Mar-16

WELL DEVELOPMENT

Method: Bailing
Static Depth to Water: 7.7 ft.
Pumping Depth To Water:
Pumping Rate: Spec. Capacity:
Volume Pumped: 2 gal.